



## Campaign Circular Code: SH

92V-058

March 1993

**Revised**

**Subject: Recall Campaign SH  
1990-92 Volkswagen Corrado Vehicles  
Replace Fuel Hose and Clamps**

Dear Volkswagen Retailer:

This is to inform you of the initiation of a recall campaign involving 1990 through some early production model 1992 Volkswagen Corrado vehicles. The vehicles affected are within the following vehicle identification number range:

**WVW\_450\_LK000001 - WVW\_450\_NK015566**

### **Defect Description**

We have found that the fuel feed hose to the fuel distribution rail could settle more than the existing hose clamp can compensate for. This may lead to occasional fuel seepage at the hose connection.

### **Remedial Action**

Replace fuel feed hose and fuel hose clamps.

### **Customer Notification**

Volkswagen United States, Inc. will inform all known owners of affected vehicles directly by first class mail on or about February 10, 1993. A sample copy of the owner notification letter is enclosed for your information.

### **Vehicle Allocation**

Prior to owner notification we will furnish you with a computer printed list of vehicles containing names and addresses of owners residing within your primary area of influence.

**Note:** This listing includes owner names and addresses obtained from state motor vehicle registrations. Under the law of some states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.

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**Important: Service, Parts & Sales Managers**

**All Personnel Should Read and Initial**

**Volkswagen United States, Inc.**

#### **Limitation on Sale or Lease of Certain Vehicles**

Section 154(d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that retailers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect which relates to motor vehicle safety. It is therefore mandatory that any vehicle in your inventory and affected by this recall be corrected prior to sale or lease.

#### **Parts Supply**

An initial supply of the required replacement fuel hoses and clamps will automatically be shipped to you. Additional clamps and hoses must be ordered by you from your warehouse. The replacement parts are as follows:

	<u>G60</u>		<u>VR6</u>
1	Hose G37 133 990E	1	Hose 021 133 988D
2	Clamps N 102 922 01	1	Hose 021 133 990D
		4	Clamps N 102 922 01

**Note:** The part numbers are for reference only and may be subject to change. Please refer to your parts fiche for verification.

#### **Special Tools**

The removal of the present fuel hose requires the use of a specially designed cutting tool. One cutting tool, #KL2298, will be shipped to you free of charge prior to the initiation of this recall. Additional cutting tools can be ordered under ordering number TKL 229 80000 KLI at a cost of \$7.15 each.

#### **Time Allowance**

The time necessary to replace the fuel hose(s) clamps and fuel feed hose is:

G60 - 40 T.U.

VR6 - 70 T.U.

#### **Reimbursement**

See attached Campaign Data Entry Procedure.

#### **Campaign Authorization**

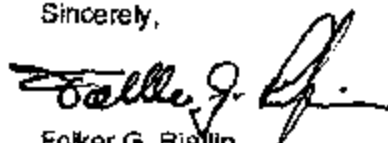
In accordance with campaign procedures, Volkswagen United States, Inc. will mail notification letters including authorization forms to all known owners. If a customer inquires about the recall campaign but does not present an authorization form, please confirm, by accessing the V-Crest system or by contacting your Zone office, that the recall is applicable and, moreover, shows an open status before you commence work. If the recall is required, please prepare a blank campaign authorization form W 42 002 3010 and mail it back to VWUS.

#### **Retailer Obligation**

It is imperative that you schedule appointments with your customers on a priority basis. Please provide a copy of this communication to every person in your retail facility who has recall-related responsibilities.

Thank you for your cooperation.

Sincerely,



Folker G. Riehl  
Product Compliance Manager

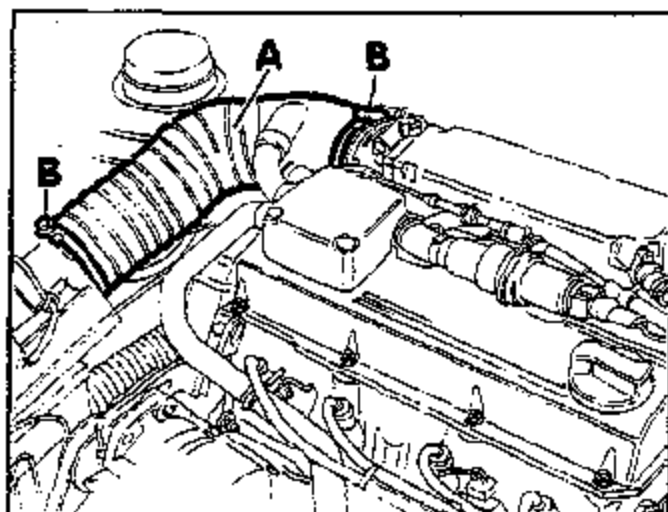
# SH RECALL

## Replace Fuel Hose and Clamps

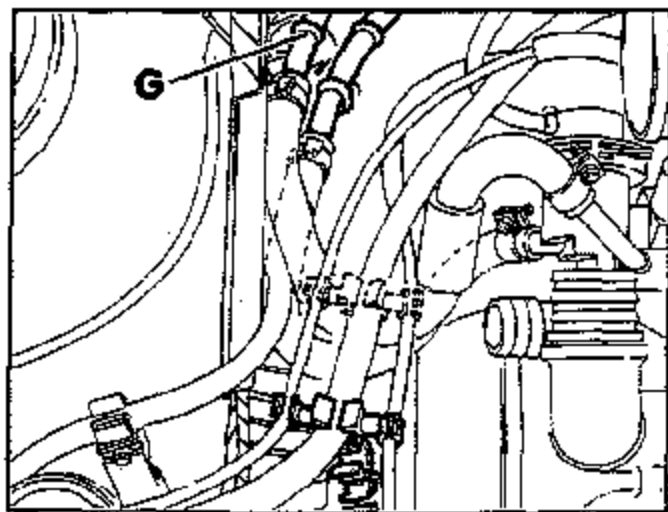
### Work Procedure

#### G60

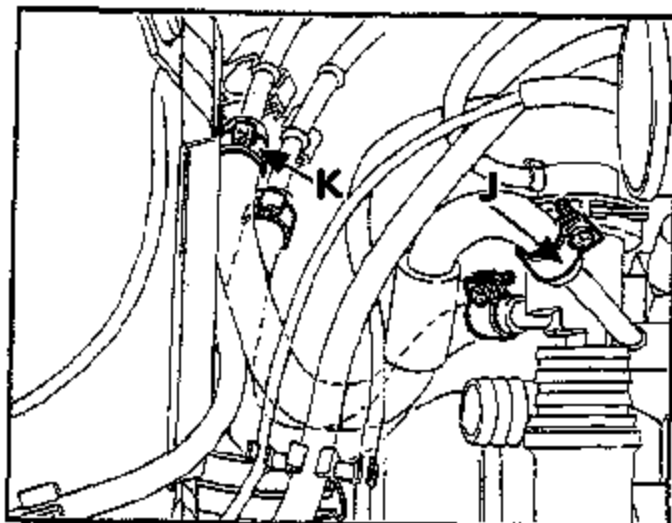
- Open hood.
- Loosen gas cap to release fuel system pressure; re-tighten gas cap.



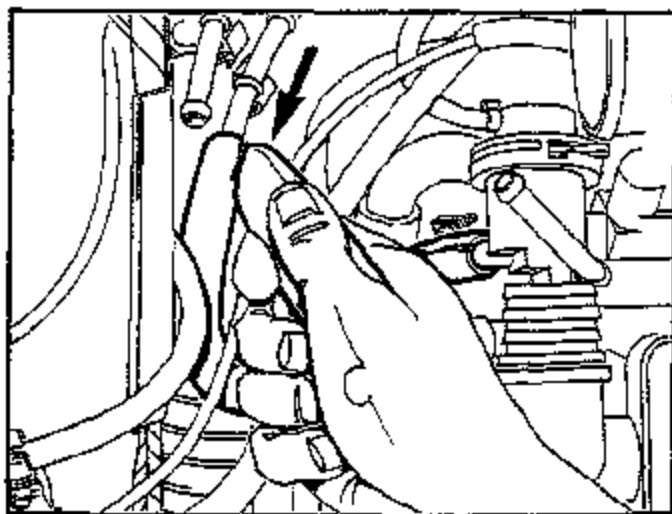
- Remove air intake hose "A" by loosening clamps "B".



- Disconnect fuel feed hose/fuel line from bracket "G".



- Remove fuel hose clamps "J" and "K".

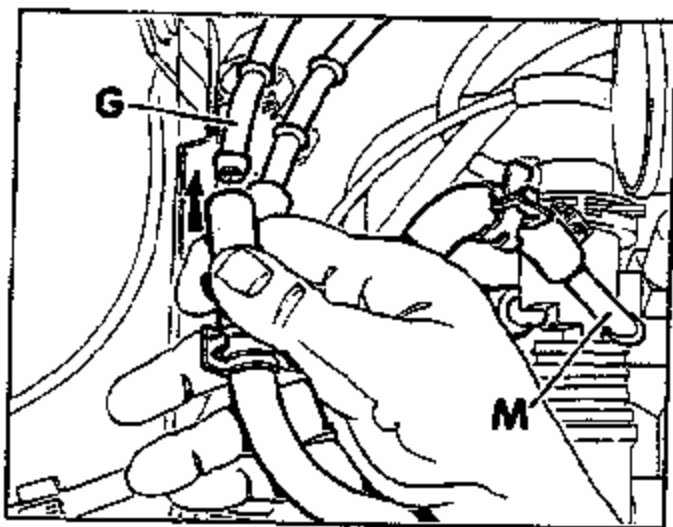


- Use specially designed cutting knife, part number KL 2298, and carefully slice both ends of fuel feed hose open (see arrow) to prepare hose for easy removal.

**CAUTION:** Be certain not to cut into plastic fuel pipe. Use only the supplied cutting knife.

-3-

- Use special hose clamp pliers, part number VAG 1819, and push two new hose clamps, part number N 102 922 01, on to new fuel hose, part number 037 133 990E. Push both clamps toward center of hose.

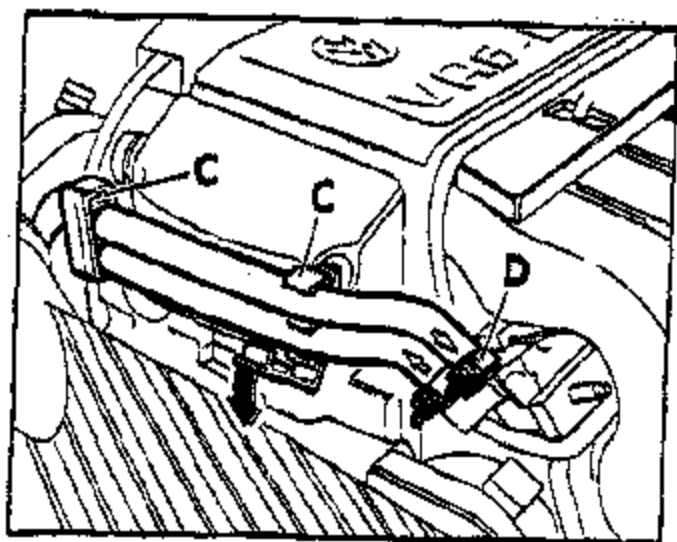


- Install new fuel feed hose; attach hose to fuel line "G" before attaching to fuel rail connection "M".

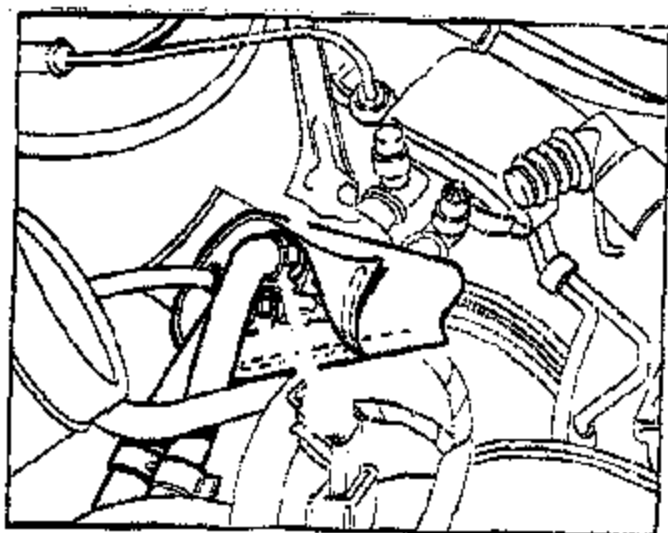
- Use clamp pliers and move both clamps into position. Clamps must be about 1 mm from end of hose.
- Push hose and fuel line back into respective brackets.
- Reinstall air intake hose.
- Start engine.
- Check for leaks.
- Close hood.

## VR6

- Open hood.
- Loosen gas cap to release fuel system pressure; re-tighten gas cap.



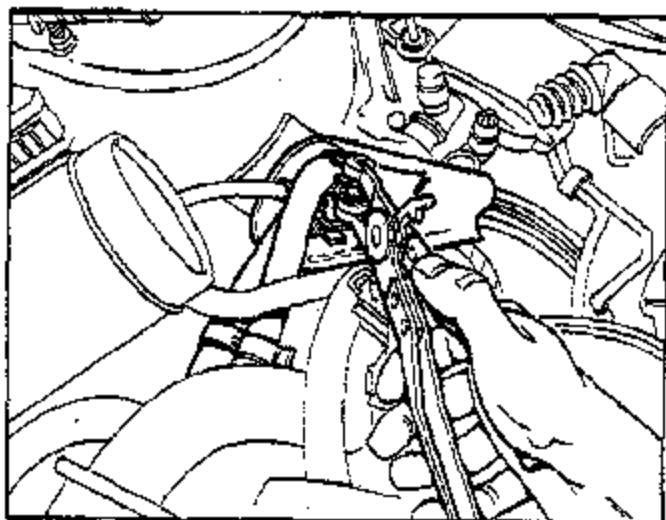
- Remove air intake hose.
- Disconnect fuel hose securing clamps.



- Push heat insulation covering aside at lower fuel hose connection.
- Remove fuel hose/clamps from fuel feed and fuel return hoses.

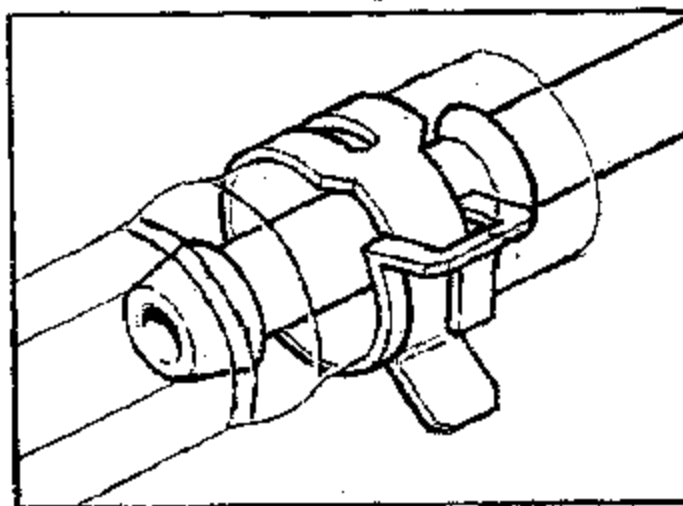
- Use specially designed cutting knife, part number KL2298, and carefully slice each end of both the fuel feed and fuel return hoses open to prepare hoses for easy removal.

**CAUTION:** Be certain not to cut into plastic fuel pipe. Use only the supplied cutting knife.



- Use special hose clamp pliers, VAG 1819, and push new hose clamps, part number N 102 922 01, on to new fuel hoses, part numbers 021 133 988D and 021 133 990D. Push both clamps toward center of hose.

- Install both new fuel hoses.



- Use clamp pliers and move each clamp into position. Clamps must be about 3 mm from end of hose.
- Re-secure fuel lines.
- Reinstall air intake hose.
- Start engine.
- Check for leaks.
- Close hood.

## Campaign Data Entry Procedure

### Reimbursement Codes:

SH 12	Replace fuel feed hose including fuel hose clamps (G60)	40 T.U.
SH 13	Replace fuel feed and return hoses including hose clamps (VR6)	70 T.U.

**Note:** The system automatically supplies the part numbers, including prices and labor applicable to the above reimbursement code.

To update a record for a vehicle with no repair performed but relevant information available enter into the system one of the codes indicated below as applicable:

SH	20	Customer Refused Repairs
SH	30	Total Loss
SH	40	Vehicle Stolen
SH	50	Vehicle Left Continental U.S.
SH	60	Customer Moved-No Forwarding Address
SH	70	Vehicle Sold-New Owner Unknown



# Volkswagen United States, Inc.



February 1993

3800 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 340-5000

**Subject: Recall Campaign SH  
Replace Fuel Hose and Clamps**

Dear Volkswagen Corrado Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has determined that a defect which relates to motor vehicle safety exists in some 1990 through some early production 1992 model Volkswagen Corrado vehicles. Our records show that your car is one of the vehicles involved in this recall action.

## **Defect Description**

Volkswagen has found that the hose material of a fuel hose attached to the fuel distribution rail located in the engine compartment may settle more than the existing hose clamp can compensate for. This may lead to occasional fuel seepage at the hose connection. Escaping fuel could come in contact with hot engine components and possibly cause an engine compartment fire.

## **Remedy**

Your Volkswagen retailer will install a new fuel hose including new fuel hose clamps.

## **Your Action**

Please contact the service manager of your authorized Volkswagen retail facility for an appointment as soon as possible. The necessary work will take approximately one half hour and will, of course, be free of charge. Necessary instructions and replacement parts have been shipped and are available at Volkswagen retailers.

## **Precaution**

If you smell fuel vapors originating in the vicinity of the engine before your car has been repaired, please contact your retailer immediately.

**Service Problem Help**

If your retailer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

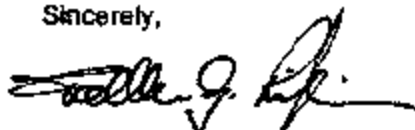
Volkswagen of America, Inc.  
Attn: Customer Relations 2F02  
3800 Hamlin Road  
Auburn Hills, MI 48326  
Toll-free Telephone: 1 800 822-8987

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street SW, Washington, DC 20590. Telephone: 1 (800) 424-9393 (Washington, DC area: (366-0123).

We regret any inconvenience this matter may cause; however, as part of our commitment to maintain your safety and satisfaction with our product, we want to make sure that your Volkswagen is repaired as soon as possible.

Thank you for driving a Volkswagen.

Sincerely,



Folker G. Riefen  
Product Compliance Manager



# Campaign Circular

Code: SF 92V-058

October, 1992

**Subject: Recall Campaign SF  
1991-1993 Volkswagen Fox Vehicles  
Replace Fuel Hose and Clamps**

Dear Volkswagen Dealer:

This is to inform you of the initiation of a recall campaign involving 1991 through some early production model 1993 Volkswagen Fox vehicles. The vehicles affected are within the following vehicle identification number range:

**9BW\_\_230\_MP000001 - 9BW\_\_230\_PP005098**

## Defect Description

We have found that the fuel feed hose to the fuel distribution rail could settle more than the existing hose clamp can compensate for. This may occasionally lead to fuel seepage at the hose connection.

## Remedial Action

Replace fuel feed hose and fuel hose clamps.

## Customer Notification

Volkswagen United States, Inc. will inform all known owners of affected vehicles directly by first class mail on or about October 30, 1992. A sample copy of the owner notification letter is enclosed for your information.

## Vehicle Allocation

Prior to owner notification we will furnish you with a computer printed list of vehicles containing names and addresses of owners residing within your primary area of influence.

**Note:** This listing includes owner names and addresses obtained from state motor vehicle registrations. Under the law of some states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.

12

**Important: Service, Parts & Sales Managers**

**All Personnel Should Read and Initial**

**Volkswagen United States, Inc.**

**Limitation on Sale or Lease of Certain Vehicles**

Section 154(d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that dealers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect which relates to motor vehicle safety. It is therefore mandatory that any vehicle in your inventory and affected by this recall be corrected prior to sale or lease.

**Parts Supply**

An initial supply of the required new type hose clamps, part number N 102.922.01 and fuel feed hoses, part number 037 133 990.2 and tie wraps, part number N 900 603 01, will automatically be shipped to you prior to the owner notification date. Additional clamps and hoses must be ordered by you from your warehouse.

<u>Qty</u>	<u>Description</u>	<u>Part Number</u>
2	Hose Clamps	N 102.922.01
1	Fuel Feed Hose	037 133 990.2
1	Tie Wrap	N 900 603 01

**Note:** The part numbers are for reference only and subject to change. Please refer to your parts fiche for verification.

**Special Tools**

The installation of the new replacement fuel hose clamp requires the use of special pliers, part number VAG 1819. One set of these pliers will be shipped to you free of charge prior to the initiation of this recall. The pliers will become minimum dealer tool requirement under ordering number TAG 181 900 00 KLI.

**Time Allowance**

The time necessary to replace the fuel hose clamps and fuel feed hose is 30 T.U.

**Reimbursement**

See attached Campaign Data Entry Procedure.

**Campaign Authorization**

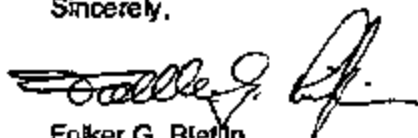
In accordance with campaign procedures, Volkswagen United States, Inc. will mail notification letters including authorization forms to all known owners. If a customer inquires about the recall campaign but does not present an authorization form, please confirm, by accessing the V-Crest system or by contacting your Zone office, that the recall is applicable and, moreover, shows an open status before you commence work. If the recall is required, please prepare a blank campaign authorization form W 42 002 3010 and mail it back to VWUS.

**Dealer Obligation**

It is imperative that you schedule appointments with your customers on a priority basis. Please provide a copy of this communication to every person in your dealership who has recall-related responsibilities.

Thank you for your cooperation.

Sincerely,



Folker G. Rietlin  
Product Compliance Manager

# SF RECALL

## Replace Fuel Hose and Clamps

### Work Procedure

- Open hood.
- Loosen gas cap to release fuel system pressure; re-tighten gas cap.
- Cut tie wrap around fuel hoses ("A" in Illustration 1).
- Remove both fuel feed hose clamps ("B" in Illustration 1) and discard.
- Remove fuel feed hose ("C" in Illustration 1) and discard.
- Use VWoA-supplied special pliers, part number VAG 1819 and push two new hose clamps, part number N 102.922.01 on to new fuel feed hose, part number 037 133 990.2. Push both clamps toward center of hose.

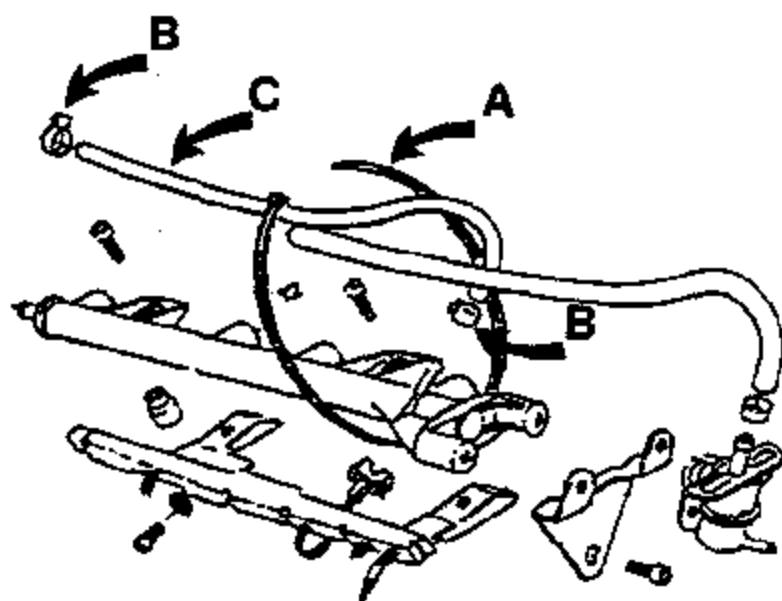
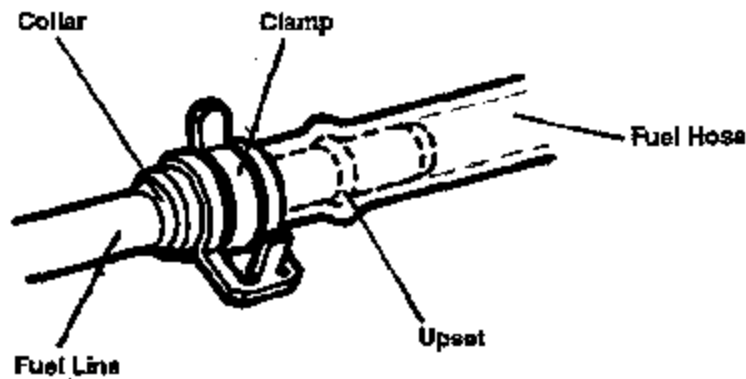


ILLUSTRATION 1



**ILLUSTRATION II**

- Install new fuel feed hose; ensure that one end of the hose is flush against the fuel rail and the other end of the hose against the fuel line collar.
- Use clamp pliers and move both clamps into position. Both must align at either end of hose as shown in Illustration I).
- Install new tie wrap, part number N 900 603 01.
- Start engine.
- Check for leaks.
- Close hood.

## Campaign Data Entry Procedure

### Reimbursement Codes:

SF 12	Replace fuel feed hose including fuel hose clamps
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30 T.U.
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**Note:** The system automatically supplies the part numbers, including prices and labor applicable to the individual reimbursement code.

To update a record for a vehicle with no repair performed but relevant information available enter into the system one of the codes indicated below as applicable:

SF	20	Customer Refused Repairs
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SF	30	Total Loss
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SF	40	Vehicle Stolen
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SF	50	Vehicle Left Continental U.S.
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SF	60	Customer Moved-No Forwarding Address
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SF	70	Vehicle Sold-New Owner Unknown
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# Volkswagen United States, Inc.



October, 1992

3800 Hamlin Road  
Auburn Hills, Michigan 48326

Tel. (313) 340-5000

**Subject: Recall Campaign SF  
Replace Fuel Hose and Clamps**

Dear Volkswagen Fox Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has determined that a defect which relates to motor vehicle safety exists in some 1991 through some early production 1993 model Volkswagen Fox vehicles. Our records show that your car is one of the vehicles involved in this recall action.

## **Defect Description**

We have found that the hose material of a fuel hose attached to the fuel distribution rail located in the engine compartment may settle more than the existing hose clamp can compensate for. This may occasionally lead to fuel seepage at the hose connection. Escaping fuel could come in contact with hot engine components and possibly cause an engine compartment fire.

## **Remedy**

Your Volkswagen dealer will install a new fuel hose including new fuel hose clamps.

## **Your Action**

Please contact the service manager of your authorized Volkswagen dealer for an appointment as soon as possible. The necessary work will take approximately one half hour and will, of course, be free of charge. Necessary instructions and parts will be available at your dealer on November 2, 1992.

## **Precaution**

If you smell fuel vapors while driving before your car has been repaired, bring your vehicle to a halt when it is safe to do so, turn off the engine and contact your Volkswagen dealer at once.



**Service Problem Help**

If your dealer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

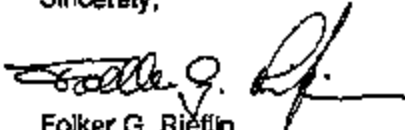
Volkswagen of America, Inc.  
Attn: Customer Relations 2F02  
3800 Hamlin Road  
Auburn Hills, MI 48326  
Toll-free Telephone: 1 800 822-8987

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street SW, Washington, DC 20590. Telephone: 1 (800) 424-9393 (Washington, DC area: (366-0123).

We regret any inconvenience this matter may cause; however, as part of our commitment to maintain your safety and satisfaction with our product, we want to make sure that your Volkswagen is repaired as soon as possible.

Thank you for driving a Volkswagen.

Sincerely,



Folker G. Riefflin  
Product Compliance Manager



## Campaign Circular Code: SA

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92V-058

May 1992

**Subject: Recall Campaign SA  
1990-92 Volkswagen Cabriolet Vehicles  
Replace Fuel Hose Clamp**

Dear Volkswagen Dealer:

This is to inform you of the initiation of a recall campaign involving 1990 through early production 1992 model Volkswagen Cabriolet vehicles. The vehicles affected are within the following vehicle identification number range:

**WVW\_\_15\_LK000975 - WVW\_\_15\_NK024047**

### **Defect Description**

We have found that the clamp that holds the fuel feed hose to the fuel distribution rail could lose its tension, allowing fuel to seep.

### **Remedial Action**

Replace fuel hose clamps and fuel feed hose.

### **Customer Notification**

Volkswagen United States, Inc. will inform all known owners of affected vehicles directly by first class mail on or about May 22, 1992. A sample copy of the owner notification letter is enclosed for your information.

### **Vehicle Allocation**

Prior to owner notification we will furnish you with a computer printed list of vehicles containing names and addresses of owners residing within your primary area of influence.

1/2

<b>Important: Service, Parts &amp; Sales Managers</b>
<b>All Personnel Should Read and Initial</b>

**Volkswagen United States, Inc.**

**Note:** This listing includes owner names and addresses obtained from state motor vehicle registrations. Under the law of some states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.

**Limitation on Sale or Lease of Certain Vehicles**

Section 154(d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that dealers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect which relates to motor vehicle safety.

It is therefore mandatory that any vehicle in your inventory and affected by this recall be corrected prior to sale or lease.

**Parts Supply**

An initial supply of the new type hose clamps, part number N 016 408.1 and fuel feed hoses, part number 037 133 990F will automatically be shipped to you prior to the owner notification date. Additional clamps and hoses must be ordered by you from your warehouse.

**Note:** The part numbers are for reference only and subject to change. Please refer to your parts fiche for verification.

**Special Tools**

The installation of the new replacement fuel hose clamp requires a special tool. In order to perform this recall, we will ship to you prior to the owner notification date one tool free of charge. This tool, number KL3385, (ordering number TKL 338 500 19 KLI) will thereafter become minimum dealer requirement.

**Time Allowance**

The time necessary to replace the fuel hose clamps and fuel feed hose is 30 T.U.

**Reimbursement**

See attached Campaign Data Entry Procedure.

**Additional Campaigns**

Some of the affected vehicles may also be involved in an additional corrective action. If so, the respective action code has also been printed on the customer's authorization form. In the interest of minimizing customer inconvenience, please ensure that any such additional action is performed simultaneously upon the customer rendering the vehicle for service. For verification, always check your V-Crest system.

**Campaign Authorization**

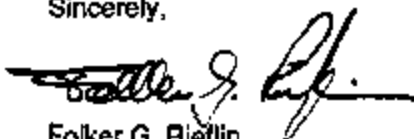
In accordance with campaign procedures, Volkswagen United States, Inc. will mail notification letters including authorization forms to all known owners. If a customer inquires about the recall campaign but does not present an authorization form, please confirm, by accessing the V-Crest system or by contacting your Zone office, that the recall is applicable and, moreover, shows an open status before you commence work. If the recall is required, please prepare a blank campaign authorization form W 42 002 3010 and mail it back to VWUS.

**Dealer Obligation**

It is imperative that you schedule appointments with your customers on a priority basis. Please provide a copy of this communication to every person in your dealership who has recall-related responsibilities.

Thank you for your cooperation.

Sincerely,

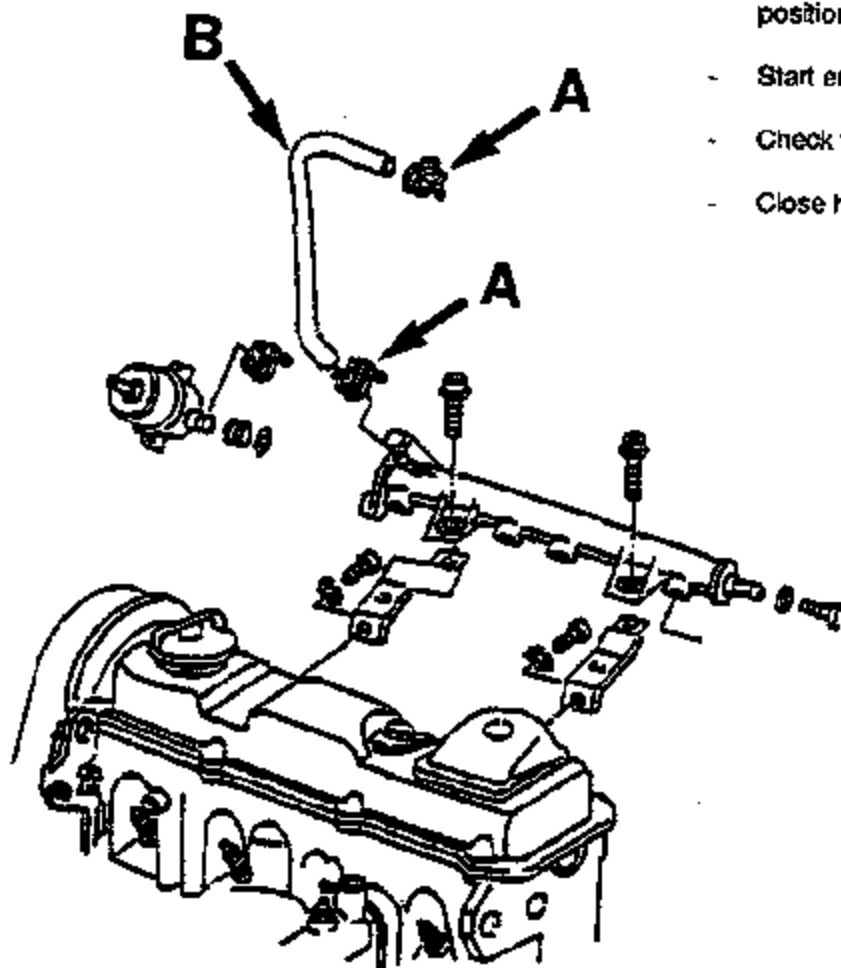
A handwritten signature in black ink, appearing to read 'Folker G. Riefflin', written over a horizontal line.

Folker G. Riefflin  
Product Compliance Manager

# SA RECALL

## WORK PROCEDURE

- Open hood
- Loosen gas cap to release fuel system pressure; re-tighten gas cap
- Remove both fuel feed hose clamps ("A" in illustration) and discard
- Remove fuel feed hose ("B" in illustration) and discard
- Use VWoA-supplied special pliers, VW number KL3385, and push two new hose clamps, part number N 016 408.1 on to new fuel feed hose, part number 037 133 990F. Push both clamps toward center of hose
- Install new fuel feed hose; ensure that upper part of hose is pushed as close as possible to edge of fuel rail
- Use clamp pliers and move both clamps into position. Upper clamp must align with end of hose
- Start engine
- Check for leaks
- Close hood



## Campaign Data Entry Procedure

### Reimbursement Codes:

SA 12 Install hose clamps and replace fuel feed hose	30 T.U.
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**Note:** The system automatically supplies the part number, including price and labor applicable to the individual reimbursement code.

To update a record for a vehicle with no repair performed but relevant information available enter into the system one of the codes indicated below as applicable:

SA 20	Customer Refused Repairs
SA 30	Total Loss
SA 40	Vehicle Stolen
SA 50	Vehicle Left Continental U.S.
SA 60	Customer Moved-No Forwarding Address
SA 70	Vehicle Sold-New Owner Unknown



3800 Hamlin Road  
Auburn Hills, Michigan 48326

Tel. (313) 340-5000

May 1992

**Subject: Recall Campaign SA  
Replace Fuel Hose Clamp**

Dear Volkswagen Cabriolet Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has determined that a defect which relates to motor vehicle safety exists in some 1990 through 1992 model Volkswagen Cabriolet vehicles. Our records show that your car is one of the vehicles involved in this recall action.

**Defect Description**

We have found that a retaining clamp holding a fuel hose to the fuel distribution rail located in the engine compartment could lose its tension and subsequently allow fuel seepage. Should this happen, fuel could contact hot engine components and possibly cause an engine compartment fire.

**Remedy**

Your Volkswagen dealer will install new type fuel hose clamps including a new fuel hose.

**Your Action**

Please contact the service manager of your authorized Volkswagen dealer for an appointment as soon as possible. The necessary work will take approximately one half hour and will, of course, be free of charge. Necessary instructions and parts will be available at your dealer on May 26, 1992.

**Precaution**

If you smell fuel vapors originating in the vicinity of the engine before your car has been repaired, please contact your dealer immediately.

**Service Problem Help**

If your dealer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

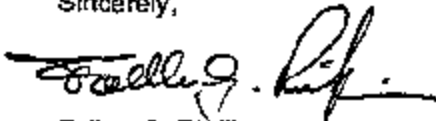
Volkswagen of America, Inc.  
Attn: Customer Relations 2F02  
3800 Hamlin Road  
Auburn Hills, MI 48326  
Toll-free Telephone: 1 800 822-8987

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street, S.W., Washington, D.C. 20590. Telephone: 1 (800) 424-9393 (Washington, D.C. area: (202) 366-0123).

We regret any inconvenience this matter may cause; however, as part of our commitment to maintain your safety and satisfaction with our product, we want to make sure that your Volkswagen is repaired as soon as possible.

Thank you for driving a Volkswagen product.

Sincerely,

A handwritten signature in black ink, appearing to read "Folker G. Riethlin". The signature is stylized with a long horizontal line extending to the left and a large, looped "R" at the end.

Folker G. Riethlin  
Product Compliance Manager



# Volkswagen of America, Inc.

3800 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 340-5000

RECEIVED  
93 JAN 19 PM 2:35  
OFFICE  
DEFECTS INVESTIGATION

January 12, 1993

## Certified Mail

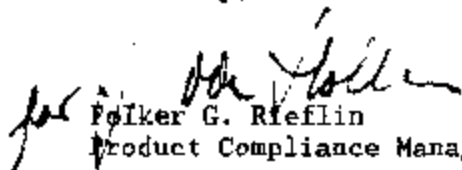
Mr. Charles Gauthier  
National Highway Traffic Safety Administration  
400 Seventh Street S.W.  
Washington, DC 20590

SUBJECT: REFERENCE #92V-058  
RECALL CAMPAIGN SF  
1991-1993 VOLKSWAGEN FOX  
REPLACE FUEL FEED HOSE AND CLAMPS

Dear Mr. Gauthier:

As promised in our letter of October 30, 1992, we are submitting three (3) copies of the Spanish translation of the customer notification letter for recall campaign SF.

Sincerely,

  
Folker G. Riefflin  
Product Compliance Manager

Enclosures



# INTERAMERICANA



Noviembre 1992

Asunto: Campaña de Llamada de Servicio SF  
Recall Campaign SF  
Reemplazar Manguera de gasolina y Abrazaderas

Estimado Propietario de un vehículo Volkswagen Fox:

Le estamos enviando esta notificación en conformidad con los requerimientos del National Traffic and Motor Vehicle Safety Act. Volkswagen ha determinado que un defecto relacionado con la seguridad del vehículo existe en algunos vehículos Volkswagen Fox de los años modelos 1991 hasta la producción inicial de 1993. Nuestro archivos muestran que su vehículo es uno de los vehículos involucrados en esta acción de Llamada de Servicio.

## Descripción del Defecto

Encontramos que el material de una manguera de gasolina, fijada a la guía de distribución de gasolina en el compartimiento del motor, puede expandirse más de lo que permite la abrazadera. Esto puede ocasionalmente resultar en una pérdida de gasolina en la conexión de la manguera. Gasolina que se derrame pudiera ponerse en contacto con los componentes calientes del motor y posiblemente causar un fuego en el compartimiento del motor.

## Solución

Su agencia Volkswagen instalará una manguera de gasolina nueva incluyendo abrazaderas nuevas.

## Su Acción

Por favor póngase lo antes posible en contacto con el Gerente de Servicio de uno de los talleres Volkswagen listados a continuación para concertar una cita. El trabajo necesario tomará aproximadamente una media hora y será, por supuesto, libre de cargos. Las instrucciones y repuestos necesarios estarán disponibles con los talleres Volkswagen a partir del 7 de diciembre de 1992.

Euroclass Motors, Inc.  
c/o Autos Vega, Inc.  
Kennedy Ave. Km. 3,5 (Marginal)  
San Juan, Puerto Rico 00936  
Tel. Nos. 782-4030, 782-4039

Robert Emeric A.V.S.  
Calle 220 IC-15  
Country Club  
Carolina, Puerto Rico 00924  
Tel. No. 757-8574

INTERAMERICANA TRANSPORT INDUSTRIES, INC.

1150 N.W. 72nd Avenue, Miami, Florida 33126-1965  
Mail to: P.O. Box 523983, Miami, FL 33152-3983  
Telephone: (305) 692-4380 Telefax: (305) 691-8934  
Telex: 822018 INTAM (FTC) or 264811 INTAM (RCA)

### Precaución

Si usted huele vapor de gasolina cuando maneja, antes de que su vehículo haya sido reparado, detenga su vehículo tan pronto sea seguro hacerlo, apague el motor y contacte enseguida su taller Volkswagen.

### Ayuda de Problemas de Servicio

Si su taller falla o está incapacitado de remediar el defecto Libre de cargos dentro de un tiempo razonable, favor llame o escriba a:

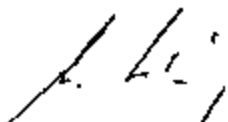
Interameramericana Transport Industries, Inc.  
Atención: Departamento de Servicio  
1150 N.W. 72nd Avenue  
Miami, Florida 33126-1965  
Teléfono: 305-592-4980

Si aún no logra satisfacción usted puede enviar una queja a: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street S.W., Washington, D.C. 20590. Telephone 1 (800) 424-9393 (Washington, D.C. area: (202) 366-0123.

Lamentamos cualquier inconveniente que este asunto pueda causarle. Sin embargo, como parte de nuestro compromiso para mantener su seguridad y satisfacción con nuestro producto, deseamos asegurar que su Volkswagen sea reparado lo antes posible.

Gracias por manejar un Volkswagen.

Sinceramente,



Volker Wehring  
Gerente General de Servicio

# Volkswagen of America, Inc.

3800 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 340-5000

RECEIVED

JUL 17 1992

OFFICE  
DEFECTS INVESTIGATION

92V-058

July 10, 1992

## CERTIFIED MAIL

Mr. Charles Gauthier  
Director, Office of Defects Investigation  
National Highway Traffic Safety Administration  
U.S. Department of Transportation  
400 Seventh Street SW  
Washington, DC 20590

Re: Volkswagen Golf, Jetta, Corrado, Vanagon and Fox Vehicles  
Equipped With Digifant Engine Management System  
Replace Fuel Hose and Clamp  
Volkswagen Recall Code SF

Dear Mr. Gauthier:

This information is submitted in accordance with the requirements of part 573 of Title 49 of the Code of Federal Regulations:

573.5(c)(1)

### Manufacturer's Name

Volkswagen of America, Inc. (VWoA),  
Volkswagen AG (VWAG),  
Volkswagen de Mexico, S.A. de C.V. (VWM)  
and  
Autolatina Brasil S.A.

### Importer

Volkswagen of America, Inc. (VWoA)



573.5(c)(2)(i) Identification of Vehicles

Make: Volkswagen

Line: Golf, Jetta, Corrado, Vanagon, Fox

Month/Year of Manufacture:

Golf/Jetta

July 1988 through June 1992

Corrado

July 1989 through June 1992

Vanagon

July 1985 through June 1991

Fox

July 1990 through June 1992

VIN Range:

Golf/Jetta

VW\_01G\_J\_000001 - VW\_01G\_N\_067742

Corrado

WVW\_450\_LK000001 - WVW\_450\_NK015586

Vanagon

WV2\_025\_G\_000001 - WV2\_025\_M\_013230

Fox

9BW\_230\_MP000001 - 9BW\_230\_PP005098

Other Description: Vehicles with Digifant Engine  
Management System

573.5(c)(3) Number of Vehicles Affected

Approximately 340,000 vehicles are affected.

573.5(c)(4) Percentage of Vehicles Containing Defect

The percentage of vehicles estimated to contain the defect cannot be determined.

573.5(c)(5) Description of Defect

Volkswagen has determined through detailed testing procedures that the hose material of the fuel hose attached to the fuel distribution rail on the engine may settle more than the existing hose clamp can compensate for. On some vehicles, this may occasionally lead to fuel seepage at the hose connection. Escaping fuel could contact hot engine components and possibly cause an engine compartment fire.

573.5(c)(6) Basis for Defect Determination

Field tests conducted through the end of May 1992 and subsequent laboratory tests which were finalized at VWAG in June 1992 resulted in the determination of defect.

573.5(c)(7) Noncompliance Test Results

Not applicable.

573.5(c)(8) Proposed Remedial Program

Volkswagen United States, Inc. will initiate a recall campaign, instructing dealers to replace the fuel hose attached to the fuel rail and install a new spring type self-tightening clamp in place of the existing hose clamp. VWUS anticipates that sufficient quantities of replacement parts will be available for the initiation of this recall beginning in September 1992. Recall notices are therefore expected to be mailed as follows:

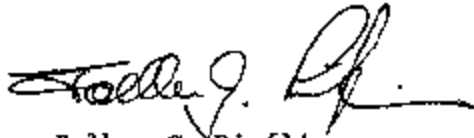
To Dealers: August 1992  
To Owners: Commencing in September 1992  
To Press: Beginning of owner notification.

573.5(c)(9)

Submission of Communication

A representative copy of all notices, bulletins, repair instructions and other communications to distributors, dealers and owners will be submitted to NHTSA not later than five (5) days after the owner notification mailing.

Sincerely

A handwritten signature in dark ink, appearing to read 'Folker C. Rieflin', with a stylized flourish at the end.

Folker C. Rieflin  
Product Compliance Manager

# Volkswagen United States, Inc.



October 30, 1992

3800 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 340 6000

Certified Mail

Mr. Charles Gauthier  
National Highway Traffic Safety  
Administration  
U.S. Department of Transportation  
400 Seventh Street SW  
Washington, DC 20590

**SUBJECT: REFERENCE #92V-058  
RECALL CAMPAIGN SF  
1991-1993 VOLKSWAGEN FOX  
REPLACE FUEL FEED HOSE AND CLAMPS**

Dear Mr. Gauthier:

Pursuant to the requirements set forth in Part 573.5 of Title 49 of the Code of Federal Regulations, we are submitting three (3) copies of the following communications:

- Dealer Notification
- Customer Notification
- Work Procedure
- Accounting Procedure

Copies of the Spanish translation to follow.

Sincerely,

Folker G. Kieflin  
Product Compliance Manager

/am

Enclosures

RECEIVED  
OCT 31 1992

1992-10-31

RECEIVED



**VOLKSWAGEN 1991-93 FOX  
RECALL CAMPAIGN "SF"**

**This Package Contains the Following Material:**

**- Campaign Circular**

RECEIVED  
37 NOV -1 AM 2 41  
DEFECTS INVESTIGATION



## Campaign Circular Code: SF

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October, 1992

**Subject: Recall Campaign SF  
1991-1993 Volkswagen Fox Vehicles  
Replace Fuel Hose and Clamps**

Dear Volkswagen Dealer:

This is to inform you of the initiation of a recall campaign involving 1991 through some early production model 1993 Volkswagen Fox vehicles. The vehicles affected are within the following vehicle identification number range:

**9BW\_\_230\_MP000001 - 9BW\_\_230\_PP005098**

### **Defect Description**

We have found that the fuel feed hose to the fuel distribution rail could settle more than the existing hose clamp can compensate for. This may occasionally lead to fuel seepage at the hose connection.

### **Remedial Action**

Replace fuel feed hose and fuel hose clamps.

### **Customer Notification**

Volkswagen United States, Inc. will inform all known owners of affected vehicles directly by first class mail on or about October 30, 1992. A sample copy of the owner notification letter is enclosed for your information.

### **Vehicle Allocation**

Prior to owner notification we will furnish you with a computer printed list of vehicles containing names and addresses of owners residing within your primary area of influence.

**Note: This listing includes owner names and addresses obtained from state motor vehicle registrations. Under the law of some states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.**

/2

<b>Important: Service, Parts &amp; Sales Managers</b>
<b>All Personnel Should Read and Initial</b>

**Volkswagen United States, Inc.**

**Limitation on Sale or Lease of Certain Vehicles**

Section 154(d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that dealers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect which relates to motor vehicle safety. It is therefore mandatory that any vehicle in your inventory and affected by this recall be corrected prior to sale or lease.

**Parts Supply**

An initial supply of the required new type hose clamps, part number N 102.922.01 and fuel feed hoses, part number 037 133 990.2 and tie wraps, part number N 900 603 01, will automatically be shipped to you prior to the owner notification date. Additional clamps and hoses must be ordered by you from your warehouse.

<u>Qty</u>	<u>Description</u>	<u>Part Number</u>
2	Hose Clamps	N 102.922.01
1	Fuel Feed Hose	037 133 990.2
1	Tie Wrap	N 900 603 01

**Note:** The part numbers are for reference only and subject to change. Please refer to your parts fiche for verification.

**Special Tools**

The installation of the new replacement fuel hose clamp requires the use of special pliers, part number VAG 1819. One set of these pliers will be shipped to you free of charge prior to the initiation of this recall. The pliers will become minimum dealer tool requirement under ordering number TAG 181 900 00 KLI.

**Time Allowance**

The time necessary to replace the fuel hose clamps and fuel feed hose is 30 T.U.

**Reimbursement**

See attached Campaign Data Entry Procedure.

**Campaign Authorization**

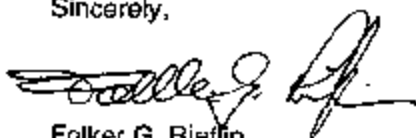
In accordance with campaign procedures, Volkswagen United States, Inc. will mail notification letters including authorization forms to all known owners. If a customer inquires about the recall campaign but does not present an authorization form, please confirm, by accessing the V-Crest system or by contacting your Zone office, that the recall is applicable and, moreover, shows an open status before you commence work. If the recall is required, please prepare a blank campaign authorization form W 42 002 3010 and mail it back to VWUS.

**Dealer Obligation**

It is imperative that you schedule appointments with your customers on a priority basis. Please provide a copy of this communication to every person in your dealership who has recall-related responsibilities.

Thank you for your cooperation.

Sincerely,



Folker G. Riefflin  
Product Compliance Manager

# SF RECALL

## Replace Fuel Hose and Clamps

### Work Procedure

- Open hood.
- Loosen gas cap to release fuel system pressure; re-tighten gas cap.
- Cut tie wrap around fuel hoses ("A" in Illustration 1).
- Remove both fuel feed hose clamps ("B" in Illustration 1) and discard.
- Remove fuel feed hose ("C" in Illustration 1) and discard.
- Use VWoA-supplied special pliers, part number VAG 1819 and push two new hose clamps, part number N 102.922.01 on to new fuel feed hose, part number 037 133 990.2. Push both clamps toward center of hose.

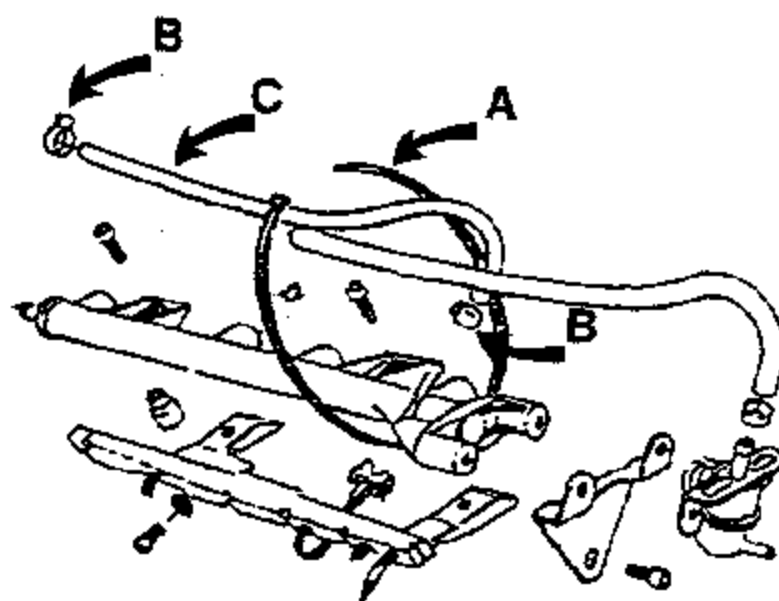
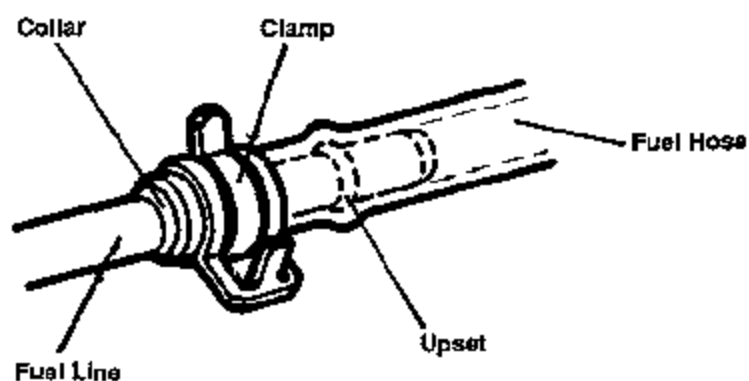


ILLUSTRATION 1



**ILLUSTRATION II**

- Install new fuel feed hose; ensure that one end of the hose is flush against the fuel rail and the other end of the hose against the fuel line collar.
- Use clamp pliers and move both clamps into position. Both must align at either end of hose as shown in Illustration II.
- Install new tie wrap, part number N 900 603 01.
- Start engine.
- Check for leaks.
- Close hood.

## Campaign Data Entry Procedure

### Reimbursement Codes:

SF 12	Replace fuel feed hose including fuel hose clamps	30 T.U.
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**Note:** The system automatically supplies the part numbers, including prices and labor applicable to the individual reimbursement code.

To update a record for a vehicle with no repair performed but relevant information available enter into the system one of the codes indicated below as applicable:

SF	20	Customer Refused Repairs
SF	30	Total Loss
SF	40	Vehicle Stolen
SF	50	Vehicle Left Continental U.S.
SF	60	Customer Moved-No Forwarding Address
SF	70	Vehicle Sold-New Owner Unknown

# Volkswagen United States, Inc.



October, 1992

3800 Hamlin Road  
Auburn Hills, Michigan 48326

Tel. (313) 340-5000

**Subject: Recall Campaign SF  
Replace Fuel Hose and Clamps**

Dear Volkswagen Fox Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has determined that a defect which relates to motor vehicle safety exists in some 1991 through some early production 1993 model Volkswagen Fox vehicles. Our records show that your car is one of the vehicles involved in this recall action.

## **Defect Description**

We have found that the hose material of a fuel hose attached to the fuel distribution rail located in the engine compartment may settle more than the existing hose clamp can compensate for. This may occasionally lead to fuel seepage at the hose connection. Escaping fuel could come in contact with hot engine components and possibly cause an engine compartment fire.

## **Remedy**

Your Volkswagen dealer will install a new fuel hose including new fuel hose clamps.

## **Your Action**

Please contact the service manager of your authorized Volkswagen dealer for an appointment as soon as possible. The necessary work will take approximately one half hour and will, of course, be free of charge. Necessary instructions and parts will be available at your dealer on November 2, 1992.

## **Precaution**

If you smell fuel vapors while driving before your car has been repaired, bring your vehicle to a halt when it is safe to do so, turn off the engine and contact your Volkswagen dealer at once.

**Service Problem Help**

If your dealer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

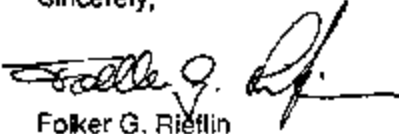
Volkswagen of America, Inc.  
Attn: Customer Relations 2F02  
3800 Hamlin Road  
Auburn Hills, MI 48326  
Toll-free Telephone: 1 800 822-8987

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street SW, Washington, DC 20590. Telephone: 1 (800) 424-9393 (Washington, DC area: (366-0123).

We regret any inconvenience this matter may cause; however, as part of our commitment to maintain your safety and satisfaction with our product, we want to make sure that your Volkswagen is repaired as soon as possible.

Thank you for driving a Volkswagen.

Sincerely,



Folker G. Rietlin  
Product Compliance Manager



P 249 003 021

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

PS Form 3800, June 1985  
+ U.S. G.P.O. 1985-221-555

Sent to <i>F. Refflin</i>	
Street and No. <i>Volkswagen</i>	
P.O., State and ZIP Code	
Postage	5
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	5
Postmark or Date <i>90V-058</i> <i>PAW</i>	



2. Furnish an engineering specification drawing of the recalled fuel hose clamp and the proposed remedy clamp.
3. Identify the number of (a) incident reports (including owner complaints, field reports, and other reports) and (b) accidents (including the number of injuries and fatalities) which occurred prior to the defect determination.
4. If VW is not the supplier of the clamp, identify by corporate name and address the supplier. Identify by name and title the chief executive officer or knowledgeable representative of the supplier.

Please provide this information, referencing the National Highway Traffic Safety Administration identification codes, to this office by May 27, 1992.

**VW is responsible for the remedy of these vehicles from this date forward, regardless of vehicle age, mileage, or ownership.**

You should know that the agency provides a listing of safety recalls to the media at the end of each month. This recall will be a part of that listing.

#### **NOTIFICATION TO PURCHASERS**

Notification to purchasers should begin as soon as possible. A draft copy of the notification documents may be submitted to this office by telefax (fax: 202-366-7882) for review prior to mailing. A final copy of all the notification documents must be submitted to this office within 5 working days after the documents are first sent to purchasers and dealers as required in Part 573.5(c)(9).

#### **QUARTERLY STATUS REPORTS**

The first quarterly status report for this campaign, as required in Part 573.6, is required to be submitted within 25 working days after the close of the calendar quarter in which notification to purchasers begins. For instance, the current calendar quarter ends on June 30, 1992, and the first quarterly report for recalls where owner notification begins in this quarter is due by August 4, 1992.

**For the first quarterly report, we request that VW identify the number of vehicles which were returned or otherwise remedied prior to sale to owners.**

Quarterly reports are due for the first 6 consecutive quarters once owner notification has begun. In the case where the recall appears to be completed, quarterly reporting is required until your company is notified otherwise by this office. Each report is due within 25 working days after the close of the respective quarter.

Sincerely,

James P. Talentino, Chief  
Defect Identification Division  
Office of Defects Investigation  
Enforcement

NHTSA:NEF:ODI  
PWALLACE:kjs:4-28-92  
Assign to: Powertrain  
cc: NEF-01, NEF-10, NEF-11;JPTalentino  
NEF-111 Subj/Working/Chron File  
Document L:\PATW\92V058.ACK

# Volkswagen of America, Inc.

3800 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 340-5000

RECEIVED  
OFFICE  
DEFECTS INVESTIGATION

92 APR 14 PM 1:13

April 8, 1992

Mr. William A. Boehly  
Associate Administrator for Enforcement  
National Highway Traffic Safety Administration  
U. S. Department of Transportation  
400 Seventh Street, S.W.  
Washington, D. C. 20590

92V-058 (01)

SUBJECT: 1990-92 VOLKSWAGEN CABRIOLET VEHICLES  
REPLACE FUEL HOSE CLAMP  
VOLKSWAGEN RECALL CODE SA

Dear Mr. Boehly:

This information is submitted in accordance with the requirements of Part 573 of Title 49 of the Code of Federal Regulations:

573.5 (c) (1) Manufacturer's Name

Volkswagen AG (VWAG)  
Importer  
Volkswagen of America, Inc. (VWoA)

573.5 (c)(2)(i) Identification of Vehicles

Make : Volkswagen  
Line : Cabriolet vehicles  
Model Year : 1990 through 1992  
Year Manufactured: August 1989 through March 1992  
VIN Range : WVW \_ \_ 15 LK000975 to WVW \_ \_ 15 NK024047  
Other Description: None

573.5 (c) (3) Number of Vehicles Affected

Approximately 18,000 vehicles.

573.5 (c) (4) Percentage of Vehicles Containing Defect

The percentage of vehicles estimated to contain the defect cannot be determined.



Defect Description

- 573.5 (c) (5) It is possible that a retaining clamp holding the fuel hose to the fuel rail connection in the engine compartment could lose its tension and allow fuel seepage. Should this happen, fuel could contact engine components and possibly cause an engine compartment fire.

573.5 (c) (6) Basis for Defect Determination

Dealer reports of a loose hose clamp prompted a factory investigation to determine the capability of the clamp to retain compression over time.

573.5 (c) (7) Noncompliance Test Result

Not applicable.

573.5 (c) (8) Proposed Remedial Program

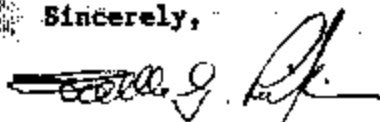
Volkswagen United States, Inc. will initiate a recall campaign instructing dealers to replace the engine compartment's fuel hose clamp with a new self-tightening clamp. VWUS anticipates that these new type clamps will be available beginning in May, 1992. Recall notices are therefore expected to be mailed as follows:

To Dealers : Second half of April, 1992.  
To Owners : First half of May, 1992.  
To The Press: Beginning of owner notification.

573.5 (c) (9) Submission of Communications

A representative copy of all notices bulletins, repair instructions and other communications to distributors, dealers and owners will be submitted to the NHTSA not later than five (5) days after the owner notification mailing.

Sincerely,



Folker G. Rieflin  
Product Compliance Manager

# Volkswagen of America, Inc.

July 6, 1992

RECEIVED 3800 Hamlin Road  
Auburn Hills, MI 48326

92 JUL -3 PM 1:57 (313) 340-5000

OFFICE  
DEFECTS INVESTIGATION

Mr. James P. Talentino  
Chief, Defect Identification Division  
Office of Defects Investigation Enforcement  
National Highway Traffic Safety Administration  
U.S. Department of Transportation  
400 Seventh Street, S.W.  
Washington, D.C. 20590

Reference: NHTSA Recall Campaign ID Number; 92V-058

Dear Mr. Talentino,

This letter supplements our prior response in relation to the above subject. Based on the findings that led to the fuel hose and hose clamp recall on Volkswagen Cabriolet vehicles, Volkswagen expanded its investigation to include the following Volkswagen Models:

- o Golf/Jetta Model Years 1988 to 1992
- o Corrado Model Years 1990 to 1992
- o Vanagon Model Years 1986 to 1991
- o Fox Model Years 1991 and 1992

These models share a substantially identical fuel injection system, similar to the Cabriolet model.

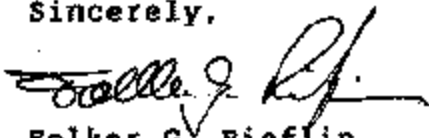
The investigation was directed toward the establishment of what influence high temperatures might have on the supply hose connection at the fuel rail.

It was found that in all models listed above conditions could develop that could result in occasional fuel seepage at the hose connection to the fuel rail.

Volkswagen has determined that a risk to vehicle safety exists and has decided to recall the above-identified vehicle models to replace the fuel hose which is attached to the fuel rail and replace the existing hose clamps with a new spring type hose clamp.

Volkswagen will provide its defect information report within the next few days.

Sincerely,

  
Folker G. Rieflin  
Product Compliance Manager



**Volkswagen of America, Inc.**

RECEIVED

3800 Hamlin Road  
Auburn Hills, MI 48326

92 JUN -2 AM 9:02

Tel. (313) 340-5000

May 27, 1992

OFFICE  
DEFECTS INVESTIGATION

Mr. James P. Talentino  
Chief, Defect Identification Division  
Office of Defects Investigation Enforcement  
National Highway Traffic Safety Administration  
U.S. Department of Transportation  
400 Seventh Street, S.W.  
Washington, D.C. 20590

Reference: NHTSA Recall Campaign ID Number; 92V-058

Dear Mr. Talentino,

This is in response to your letter dated April 30, 1992, in which you required additional information on Recall Campaign Number 92V-058. For convenience, each request is restated verbatim and is then followed by our response.

Request 1

Identify any other Volkswagen (VW) model and/or model year vehicles which may use the same or virtually identical fuel hose clamp as the clamp which is recalled.

Response to Request 1

All VW models use this type fuel clamp in places where, during service work, it may be necessary to separate a fuel line. Experience has shown that the clamp performs its function satisfactorily over the lifetime of all VW products. Some time ago, Volkswagen became aware that on the Cabriolet vehicle, at the connection of the fuel hose



Mr. James P. Talentino  
May 27, 1992  
page 2

Request 2

Furnish an engineering specification drawing of the recalled fuel hose clamp and the proposed remedy clamp.

Response to Request 2

Provided as Attachment 1 is an engineering drawing of the recalled clamp (part number N 904 610.01).

Provided as Attachment 2 is an engineering drawing of the proposed remedy clamp (part number N 016 408.1).

Request 3

Identify the number of (a) incident reports (including owner complaints, field reports, and other reports) and (b) accidents (including the number of injuries and fatalities) which occurred prior to the defect determination.

Response to Request 3

Volkswagen of America, Inc., (VWoA) was not aware of any incident reports or accidents prior to the determination of defect.

Request 4

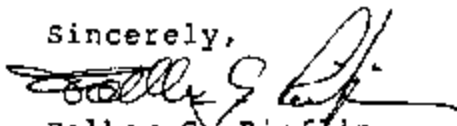
If VW is not the supplier of the clamp, identify by corporate name and address the supplier. Identify by name and title the chief executive officer or knowledgeable representative of the supplier.

Response to Request 4

Provided as Attachment 3 is the corporate name and address for each supplier of the recalled clamp. Also listed in Attachment 3 is the name of the executive or knowledgeable representative of each supplier.

If you have any questions, please feel free to call telephone me at 313/340-4850.

Sincerely,



Folker G. Riefflin  
Product Compliance Manager

Attachment 1



Attachment 2



Attachment 3

Suppliers and Designated Representatives

Suppliers Name and Address

Designated Representative

Muhr und Bender  
D-5952 Attendorn

Richard Korte  
Director  
Product Development-Springs

Hans Oetiker  
Metallwaren & Apparatefabrik GmbH  
Uesenberger Stasse 15  
D-7833 Endingen 1  
Postfach 1220

Heinz-Dieter Hanseler  
Director, Sales

GEMI  
Metallwarenfabrik Gustav  
Henning, KG  
AM Wiesenstein  
D-3389 Madsberg 2

Erich Zieprecht  
Director, Sales

# Volkswagen of America, Inc.

3800 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 343-5000

June 12, 1992

Certified Mail

Mr. Charles Gauthier  
National Highway Traffic Safety  
Administration  
U.S. Department of Transportation  
400 Seventh Street SW  
Washington, DC 20590

SUBJECT: NHTSA IDENTIFICATION NUMBER 92V-058  
RECALL CAMPAIGN SA  
1990-92 VOLKSWAGEN CABRIOLET  
REPLACE FUEL HOSE CLAMP

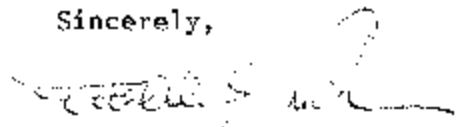
Dear Mr. Gauthier:

Pursuant to the requirements set forth in Part 573.5 of Title 49 of the Code of Federal Regulations, we are submitting three (3) copies of the following communications:

- Dealer Notification
- Customer Notification
- Work Procedure
- Accounting Procedure

Copies of the Spanish translation to follow.

Sincerely,

  
Folker G. Rieflin  
Product Compliance Manager

/s/

Enclosures







## Campaign Circular Code: SA

92V-058

May 1992

**Subject: Recall Campaign SA  
1990-92 Volkswagen Cabriolet Vehicles  
Replace Fuel Hose Clamp**

Dear Volkswagen Dealer:

This is to inform you of the initiation of a recall campaign involving 1990 through early production 1992 model Volkswagen Cabriolet vehicles. The vehicles affected are within the following vehicle identification number range:

**WVW \_\_\_ 15\_LK000975 - WVW \_\_\_ 15\_NK024047**

### **Defect Description**

We have found that the clamp that holds the fuel feed hose to the fuel distribution rail could lose its tension, allowing fuel to seep.

### **Remedial Action**

Replace fuel hose clamps and fuel feed hose.

### **Customer Notification**

Volkswagen United States, Inc. will inform all known owners of affected vehicles directly by first class mail on or about May 22, 1992. A sample copy of the owner notification letter is enclosed for your information.

### **Vehicle Allocation**

Prior to owner notification we will furnish you with a computer printed list of vehicles containing names and addresses of owners residing within your primary area of influence.

12

<b>Important: Service, Parts &amp; Sales Managers</b>
<b>All Personnel Should Read and Initial</b>

**Volkswagen United States, Inc.**

**Note:** This listing includes owner names and addresses obtained from state motor vehicle registrations. Under the law of some states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.

**Limitation on Sale or Lease of Certain Vehicles**

Section 154(d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that dealers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect which relates to motor vehicle safety.

It is therefore mandatory that any vehicle in your inventory and affected by this recall be corrected prior to sale or lease.

**Parts Supply**

An initial supply of the new type hose clamps, part number N 016 408.1 and fuel feed hoses, part number 037 133 990F will automatically be shipped to you prior to the owner notification date. Additional clamps and hoses must be ordered by you from your warehouse.

**Note:** The part numbers are for reference only and subject to change. Please refer to your parts fiche for verification.

**Special Tools**

The installation of the new replacement fuel hose clamp requires a special tool. In order to perform this recall, we will ship to you prior to the owner notification date one tool free of charge. This tool, number KL3385, (ordering number TKL 338 500 19 KLI) will thereafter become minimum dealer requirement.

**Time Allowance**

The time necessary to replace the fuel hose clamps and fuel feed hose is 30 T.U.

**Reimbursement**

See attached Campaign Data Entry Procedure.

**Additional Campaigns**

Some of the affected vehicles may also be involved in an additional corrective action. If so, the respective action code has also been printed on the customer's authorization form. In the interest of minimizing customer inconvenience, please ensure that any such additional action is performed simultaneously upon the customer rendering the vehicle for service. For verification, always check your V-Crest system.

**Campaign Authorization**

In accordance with campaign procedures, Volkswagen United States, Inc. will mail notification letters including authorization forms to all known owners. If a customer inquires about the recall campaign but does not present an authorization form, please confirm, by accessing the V-Crest system or by contacting your Zone office, that the recall is applicable and, moreover, shows an open status before you commence work. If the recall is required, please prepare a blank campaign authorization form W 42 002 3010 and mail it back to VWUS.

**Dealer Obligation**

It is imperative that you schedule appointments with your customers on a priority basis. Please provide a copy of this communication to every person in your dealership who has recall-related responsibilities.

Thank you for your cooperation.

Sincerely,

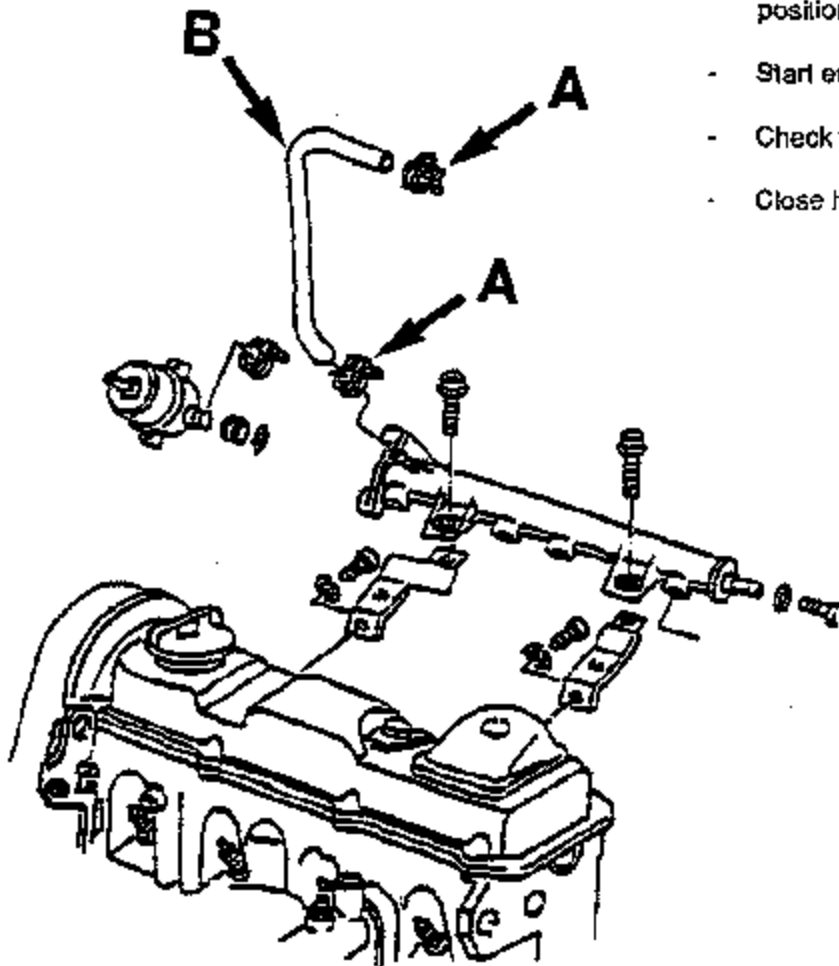
A handwritten signature in black ink, appearing to read "Folker G. Rieflin", with a stylized flourish at the end.

Folker G. Rieflin  
Product Compliance Manager

# SA RECALL

## WORK PROCEDURE

- Open hood
- Loosen gas cap to release fuel system pressure; re-tighten gas cap
- Remove both fuel feed hose clamps ("A" in illustration) and discard
- Remove fuel feed hose ("B" in illustration) and discard
- Use VWoA-supplied special pliers, VW number KL3385, and push two new hose clamps, part number N 016 408.1 on to new fuel feed hose, part number 037 133 990F. Push both clamps toward center of hose
- Install new fuel feed hose; ensure that upper part of hose is pushed as close as possible to edge of fuel rail
- Use clamp pliers and move both clamps into position. Upper clamp must align with end of hose
- Start engine
- Check for leaks
- Close hood



## Campaign Data Entry Procedure

### Reimbursement Codes:

SA 12	Install hose clamps and replace fuel feed hose
-------	---

30 T.U.
---------

**Note:** The system automatically supplies the part number, including price and labor applicable to the individual reimbursement code.

**To update a record for a vehicle with no repair performed but relevant information available enter into the system one of the codes indicated below as applicable:**

SA	20	Customer Refused Repairs
----	----	--------------------------

SA	30	Total Loss
----	----	------------

SA	40	Vehicle Stolen
----	----	----------------

SA	50	Vehicle Left Continental U.S.
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SA	60	Customer Moved-No Forwarding Address
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SA	70	Vehicle Sold-New Owner Unknown
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3800 Hamlin Road  
Auburn Hills, Michigan 48326

Tel. (313) 340-6000

May 1992

**Subject: Recall Campaign 8A  
Replace Fuel Hose Clamp**

Dear Volkswagen Cabriolet Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has determined that a defect which relates to motor vehicle safety exists in some 1990 through 1992 model Volkswagen Cabriolet vehicles. Our records show that your car is one of the vehicles involved in this recall action.

**Defect Description**

We have found that a retaining clamp holding a fuel hose to the fuel distribution rail located in the engine compartment could lose its tension and subsequently allow fuel seepage. Should this happen, fuel could contact hot engine components and possibly cause an engine compartment fire.

**Remedy**

Your Volkswagen dealer will install new type fuel hose clamps including a new fuel hose.

**Your Action**

Please contact the service manager of your authorized Volkswagen dealer for an appointment as soon as possible. The necessary work will take approximately one half hour and will, of course, be free of charge. Necessary instructions and parts will be available at your dealer on May 26, 1992.

**Precaution**

If you smell fuel vapors originating in the vicinity of the engine before your car has been repaired, please contact your dealer immediately.

**Service Problem Help**

If your dealer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

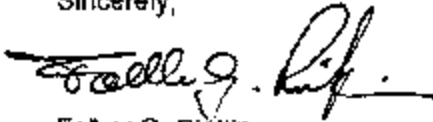
Volkswagen of America, Inc.  
Attn: Customer Relations 2F02  
3800 Hamlin Road  
Auburn Hills, MI 48326  
Toll-free Telephone: 1 800 822-8987

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street, S.W., Washington, D.C. 20590. Telephone: 1 (800) 424-9393 (Washington, D.C. area: (202) 366-0123).

We regret any inconvenience this matter may cause; however, as part of our commitment to maintain your safety and satisfaction with our product, we want to make sure that your Volkswagen is repaired as soon as possible.

Thank you for driving a Volkswagen product.

Sincerely,

A handwritten signature in black ink, appearing to read "Folker G. Rietlin". The signature is fluid and cursive, with a long horizontal stroke extending to the left.

Folker G. Rietlin  
Product Compliance Manager

# Volkswagen of America, Inc.

RECEIVED

3900 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 340-5000

COMM 12 APR 87

OFFICE  
DEFECTS INVESTIGATION

March 8, 1993

Certified Mail

Mr. Charles Gauthier, Director  
Office of Defects Investigation  
National Highway Traffic Safety Administration  
U.S. Department of Transportation  
400 Seventh Street, S.W.  
Washington, DC 20590

SUBJECT: REFERENCE #92V-050  
RECALL CAMPAIGN SE  
1990-92 VOLKSWAGEN CORRADO  
REPLACE FUEL ROSE AND CLAMPS

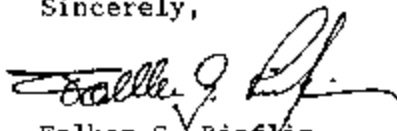
Dear Mr. Gauthier:

Pursuant to the requirements set forth in Part 573.5 of Title 49 of the Code of Federal Regulations, we are submitting three (3) copies of the following communications:

- Dealer Notification
- Customer Notification
- Work Procedure
- Accounting Procedure

Copies of the Spanish translation to follow.

Sincerely,



Folker G. Riefkin  
Product Compliance Manager

enclosure





## **Recall Campaign SH (REVISED) Campaign Circular**

### **Revisions are as follows:**

- Added fuel hose part numbers and respective repair time for Corrado VR6
- Amended Work Procedure to include the 1992 model Corrado VR6 vehicles



## Campaign Circular Code: SH

March 1993

**Revised**

**Subject: Recall Campaign SH  
1990-92 Volkswagen Corrado Vehicles  
Replace Fuel Hose and Clamps**

Dear Volkswagen Retailer:

This is to inform you of the initiation of a recall campaign involving 1990 through some early production model 1992 Volkswagen Corrado vehicles. The vehicles affected are within the following vehicle identification number range:

**WVW\_\_450\_LK000001 - WVW\_\_450\_NK015586**

### **Defect Description**

We have found that the fuel feed hose to the fuel distribution rail could settle more than the existing hose clamp can compensate for. This may lead to occasional fuel seepage at the hose connection.

### **Remedial Action**

Replace fuel feed hose and fuel hose clamps.

### **Customer Notification**

Volkswagen United States, Inc. will inform all known owners of affected vehicles directly by first class mail on or about February 10, 1993. A sample copy of the owner notification letter is enclosed for your information.

### **Vehicle Allocation**

Prior to owner notification we will furnish you with a computer printed list of vehicles containing names and addresses of owners residing within your primary area of influence.

**Note:** This listing includes owner names and addresses obtained from state motor vehicle registrations. Under the law of some states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.

12

<b>Important: Service, Parts &amp; Sales Managers</b>
<b>All Personnel Should Read and Initial</b>

Volkswagen United States, Inc.

#### **Limitation on Sale or Lease of Certain Vehicles**

Section 154(d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that retailers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect which relates to motor vehicle safety. It is therefore mandatory that any vehicle in your inventory and affected by this recall be corrected prior to sale or lease.

#### **Parts Supply**

An initial supply of the required replacement fuel hoses and clamps will automatically be shipped to you. Additional clamps and hoses must be ordered by you from your warehouse. The replacement parts are as follows:

		<u>G60</u>			<u>VR6</u>
1	Hose	037 133 990E	1	Hose	021 133 988D
2	Clamps	N 102 922 01	1	Hose	021 133 990D
			4	Clamps	N 102 922 01

**Note:** The part numbers are for reference only and may be subject to change. Please refer to your parts fiche for verification.

#### **Special Tools**

The removal of the present fuel hose requires the use of a specially designed cutting tool. One cutting tool, #KL2298, will be shipped to you free of charge prior to the initiation of this recall. Additional cutting tools can be ordered under ordering number TKL 229 80000 KLI at a cost of \$7.15 each.

#### **Time Allowance**

The time necessary to replace the fuel hose(s) clamps and fuel feed hose is:

G60 - 40 T.U.

VR6 - 70 T.U.

#### **Reimbursement**

See attached Campaign Data Entry Procedure.

#### **Campaign Authorization**

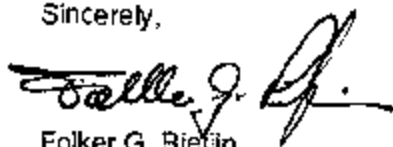
In accordance with campaign procedures, Volkswagen United States, Inc. will mail notification letters including authorization forms to all known owners. If a customer inquires about the recall campaign but does not present an authorization form, please confirm, by accessing the V-Crest system or by contacting your Zone office, that the recall is applicable and, moreover, shows an open status before you commence work. If the recall is required, please prepare a blank campaign authorization form W 42 002 3010 and mail it back to VWUS.

#### **Retailer Obligation**

It is imperative that you schedule appointments with your customers on a priority basis. Please provide a copy of this communication to every person in your retail facility who has recall-related responsibilities.

Thank you for your cooperation.

Sincerely,



Folker G. Rietlin  
Product Compliance Manager

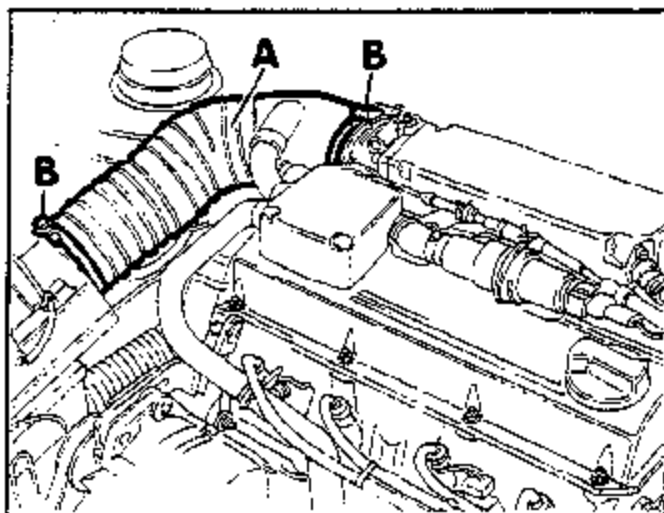
# SH RECALL

## Replace Fuel Hose and Clamps

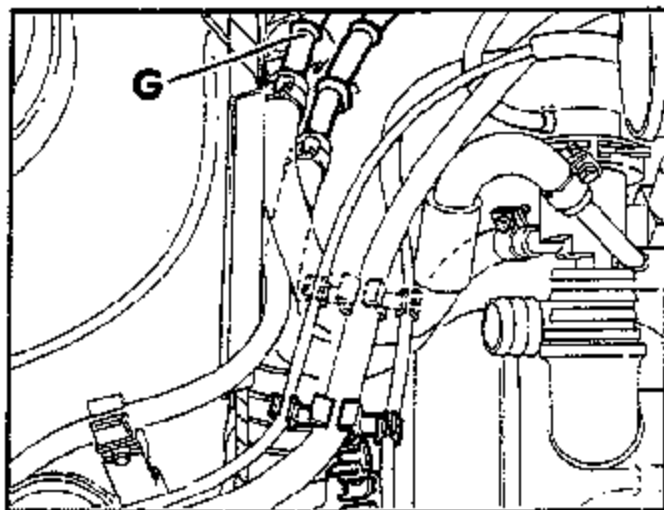
### Work Procedure

#### G60

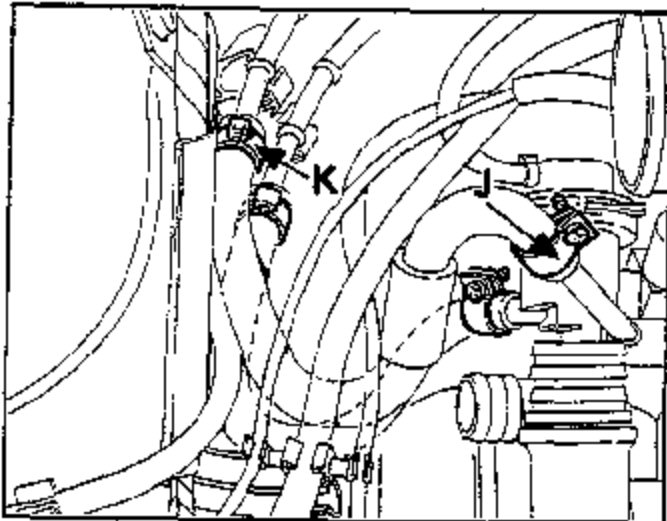
- Open hood.
- Loosen gas cap to release fuel system pressure; re-tighten gas cap.



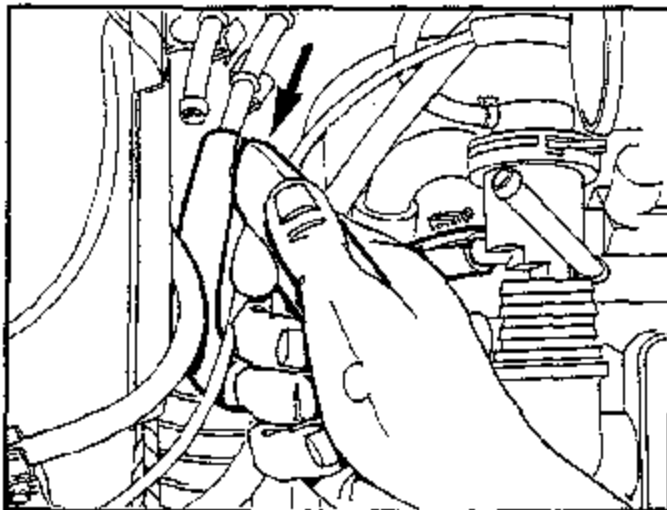
- Remove air intake hose "A" by loosening clamps "B".



- Disconnect fuel feed hose/fuel line from bracket "G".



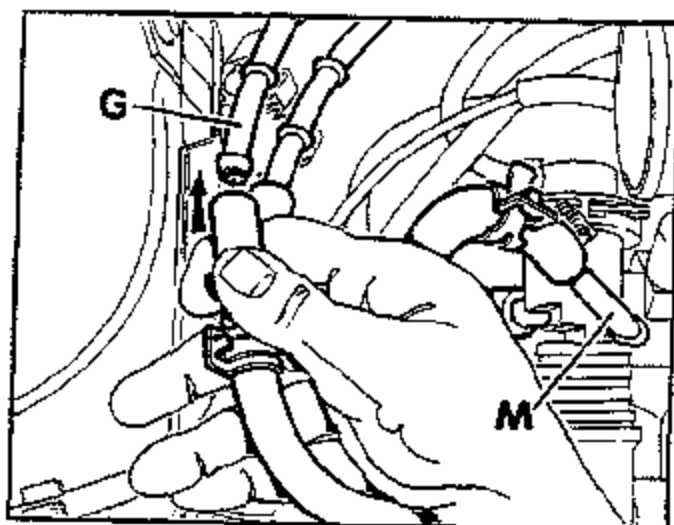
- Remove fuel hose clamps "J" and "K".



- Use specially designed cutting knife, part number KL 2298, and carefully slice both ends of fuel feed hose open (see arrow) to prepare hose for easy removal.

**CAUTION:** Be certain not to cut into plastic fuel pipe. Use only the supplied cutting knife.

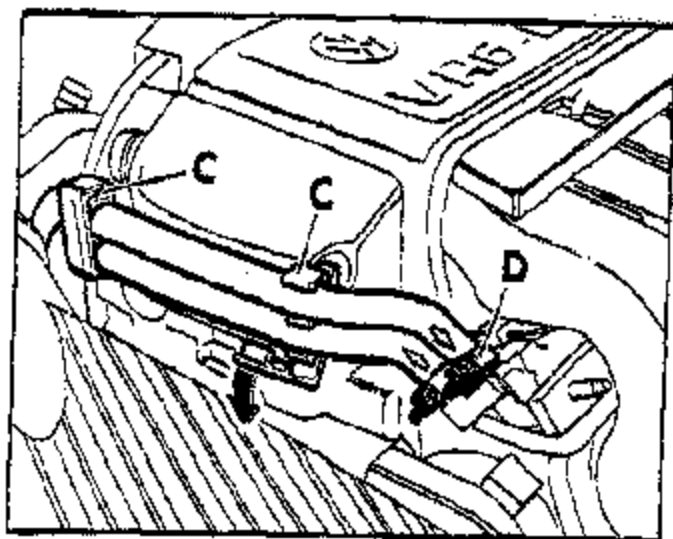
- Use special hose clamp pliers, part number VAG 1819, and push two new hose clamps, part number N 102 922 01, on to new fuel hose, part number 037 133 990E. Push both clamps toward center of hose.



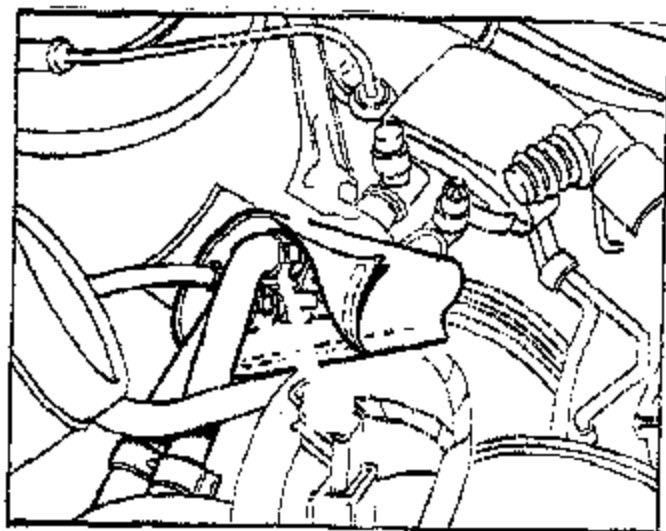
- Install new fuel feed hose; attach hose to fuel line "G" before attaching to fuel rail connection "M".
- Use clamp pliers and move both clamps into position. Clamps must be about 1 mm from end of hose.
- Push hose and fuel line back into respective brackets.
- Reinstall air intake hose.
- Start engine.
- Check for leaks.
- Close hood.

**VR6**

- Open hood.
- Loosen gas cap to release fuel system pressure; re-tighten gas cap.



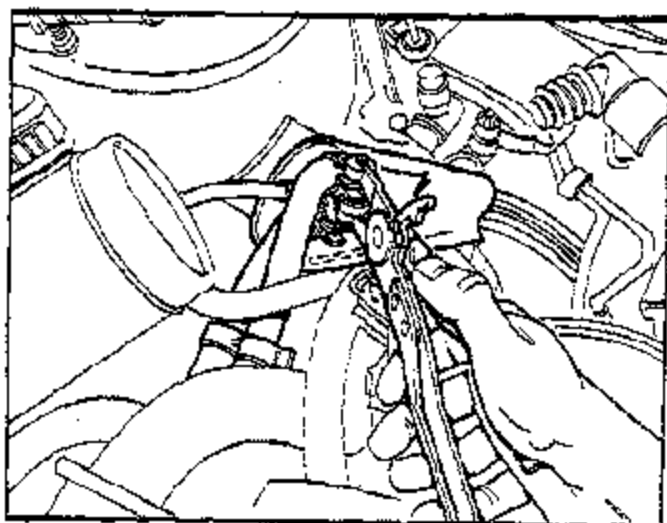
- Remove air intake hose.
- Disconnect fuel hose securing clamps.



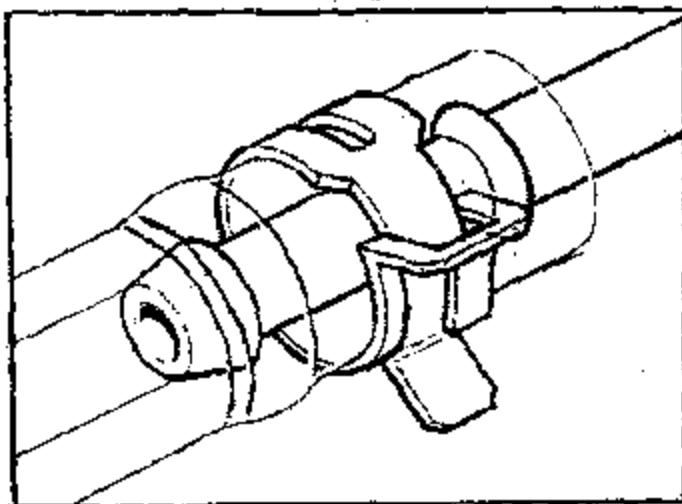
- Push heat insulation covering aside at lower fuel hose connection.
- Remove fuel hose/clamps from fuel feed and fuel return hoses.

- Use specially designed cutting knife, part number KL2298, and carefully slice each end of both the fuel feed and fuel return hoses open to prepare hoses for easy removal.

**CAUTION:** Be certain not to cut into plastic fuel pipe. Use only the supplied cutting knife.



- Use special hose clamp pliers, VAG 1819, and push new hose clamps, part number N 102 922 01, on to new fuel hoses, part numbers 021 133 988D and 021 133 990D. Push both clamps toward center of hose.
- Install both new fuel hoses.



- Use clamp pliers and move each clamp into position. Clamps must be about 3 mm from end of hose.
- Re-secure fuel lines.
- Reinstall air intake hose.
- Start engine.
- Check for leaks.
- Close hood.



## Campaign Data Entry Procedure

### Reimbursement Codes:

SH 12	Replace fuel feed hose including fuel hose clamps (G60)	40 T.U.
SH 13	Replace fuel feed and return hoses including hose clamps (VR6)	70 T.U.

**Note:** The system automatically supplies the part numbers, including prices and labor applicable to the above reimbursement code.

To update a record for a vehicle with no repair performed but relevant information available enter into the system one of the codes indicated below as applicable:

SH 20	Customer Refused Repairs
SH 30	Total Loss
SH 40	Vehicle Stolen
SH 50	Vehicle Left Continental U.S.
SH 60	Customer Moved-No Forwarding Address
SH 70	Vehicle Sold-New Owner Unknown

# Volkswagen United States, Inc.



February 1993

3800 Hamlin Road  
Auburn Hills, MI 48326

Telex (313) 340-5000

**Subject: Recall Campaign SH  
Replace Fuel Hose and Clamps**

Dear Volkswagen Corrado Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has determined that a defect which relates to motor vehicle safety exists in some 1990 through some early production 1992 model Volkswagen Corrado vehicles. Our records show that your car is one of the vehicles involved in this recall action.

#### **Defect Description**

Volkswagen has found that the hose material of a fuel hose attached to the fuel distribution rail located in the engine compartment may settle more than the existing hose clamp can compensate for. This may lead to occasional fuel seepage at the hose connection. Escaping fuel could come in contact with hot engine components and possibly cause an engine compartment fire.

#### **Remedy**

Your Volkswagen retailer will install a new fuel hose including new fuel hose clamps.

#### **Your Action**

Please contact the service manager of your authorized Volkswagen retail facility for an appointment as soon as possible. The necessary work will take approximately one half hour and will, of course, be free of charge. Necessary instructions and replacement parts have been shipped and are available at Volkswagen retailers.

#### **Precaution**

If you smell fuel vapors originating in the vicinity of the engine before your car has been repaired, please contact your retailer immediately.

**Service Problem Help**

If your retailer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

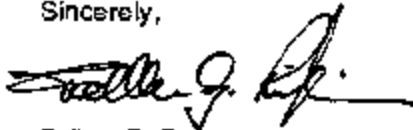
Volkswagen of America, Inc.  
Attn: Customer Relations 2F02  
3800 Hamlin Road  
Auburn Hills, MI 48326  
Toll-free Telephone: 1 800 822-8967

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street SW, Washington, DC 20590. Telephone: 1 (800) 424-9393 (Washington, DC area: (366-0123).

We regret any inconvenience this matter may cause; however, as part of our commitment to maintain your safety and satisfaction with our product, we want to make sure that your Volkswagen is repaired as soon as possible.

Thank you for driving a Volkswagen.

Sincerely,



Folker G. Riellin  
Product Compliance Manager

## **VOLKSWAGEN CORRADO RECALL**

**This Package Contains the Following Material:**

**Recall Campaign SH - 1990-92 Volkswagen Corrado Vehicles  
Replace Fuel Hose Clamps**

- Campaign Circular
- One (1) Cutting Tool, Part Number KL 2298  
(Service Manager Only)



## Campaign Circular Code: SH

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January 1993

**Subject: Recall Campaign SH  
1990-92 Volkswagen Corrado Vehicles  
Replace Fuel Hose and Clamps**

Dear Volkswagen Retailer:

This is to inform you of the initiation of a recall campaign involving 1990 through some early production model 1992 Volkswagen Corrado vehicles. The vehicles affected are within the following vehicle identification number range:

**WVW\_\_45D\_LK000001 - WVW\_\_45D\_NK015586**

**Defect Description**

We have found that the fuel feed hose to the fuel distribution rail could settle more than the existing hose clamp can compensate for. This may lead to occasional fuel seepage at the hose connection.

**Remedial Action**

Replace fuel feed hose and fuel hose clamps.

**Customer Notification**

Volkswagen United States, Inc. will inform all known owners of affected vehicles directly by first class mail on or about February 10, 1993. A sample copy of the owner notification letter is enclosed for your information.

**Vehicle Allocation**

Prior to owner notification we will furnish you with a computer printed list of vehicles containing names and addresses of owners residing within your primary area of influence.

**Note:** This listing includes owner names and addresses obtained from state motor vehicle registrations. Under the law of some states, including regulations set forth by the California Department of Motor Vehicles, vehicle registration information may only be used for recall purposes. Use for any other reason may constitute a violation of state law.

/2

<b>Important: Service, Parts &amp; Sales Managers</b>
<b>All Personnel Should Read and Initial</b>

Volkswagen United States, Inc.

**Limitation on Sale or Lease of Certain Vehicles**

Section 154(d) of the National Traffic and Motor Vehicle Safety Act of 1966 mandates that retailers correct, prior to delivery for sale or lease, any vehicle which fails to comply with an applicable Federal Motor Vehicle Safety Standard or which contains a defect which relates to motor vehicle safety. It is therefore mandatory that any vehicle in your inventory and affected by this recall be corrected prior to sale or lease.

**Parts Supply**

An initial supply of the required new type hose clamps, part number N 102.922.01 and fuel feed hose, part number 037 133 990E, will automatically be shipped to you prior to the owner notification date. Additional clamps and hoses must be ordered by you from your warehouse.

**Note:** The part numbers are for reference only and may be subject to change. Please refer to your parts fiche for verification.

**Special Tools**

The removal of the present fuel hose requires the use of a specially designed cutting tool. One cutting tool, #KL2298, will be shipped to you free of charge prior to the initiation of this recall. Additional cutting tools can be ordered under ordering number TKL 229 80000 KLI at a cost of \$7.15 each.

**Time Allowance**

The time necessary to replace the fuel hose clamps and fuel feed hose is 40 T.U.

**Reimbursement**

See attached Campaign Data Entry Procedure.

**Campaign Authorization**

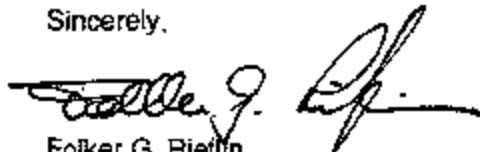
In accordance with campaign procedures, Volkswagen United States, Inc. will mail notification letters including authorization forms to all known owners. If a customer inquires about the recall campaign but does not present an authorization form, please confirm, by accessing the V-Crest system or by contacting your Zone office, that the recall is applicable and, moreover, shows an open status before you commence work. If the recall is required, please prepare a blank campaign authorization form W 42 002 3010 and mail it back to VWUS.

**Retailer Obligation**

It is imperative that you schedule appointments with your customers on a priority basis. Please provide a copy of this communication to every person in your retail facility who has recall-related responsibilities.

Thank you for your cooperation.

Sincerely,



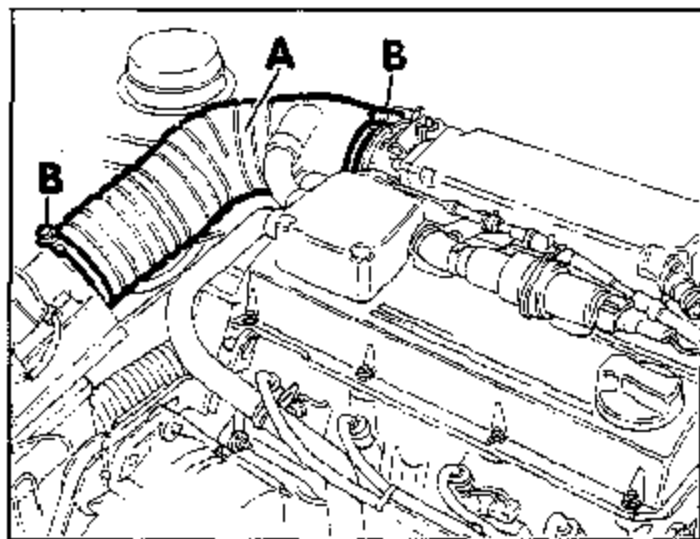
Folker G. Rieffin  
Product Compliance Manager

# SH RECALL

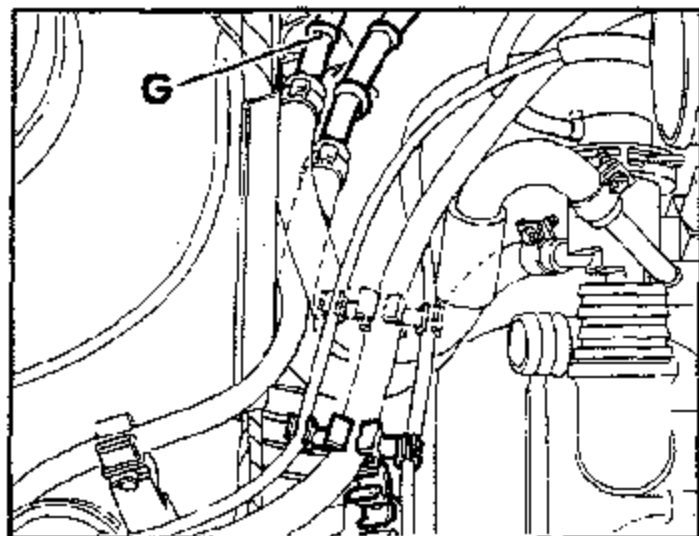
## Replace Fuel Hose and Clamps

### Work Procedure

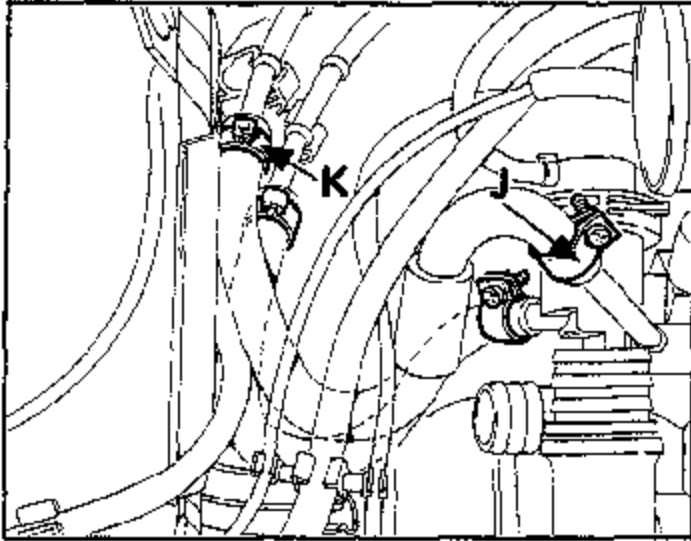
- Open hood.
- Loosen gas cap to release fuel system pressure; re-tighten gas cap.



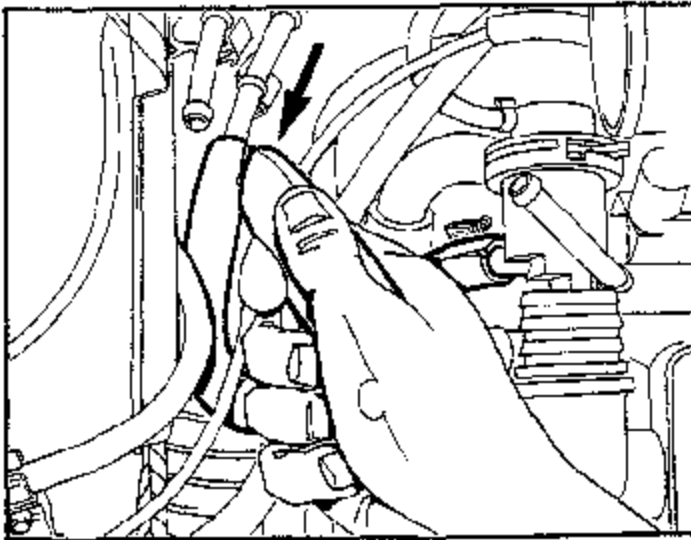
- Remove air intake hose "A" by loosening clamps "B".



- Disconnect fuel feed hose/fuel line from bracket "G".



- Remove fuel hose clamps "J" and "K".

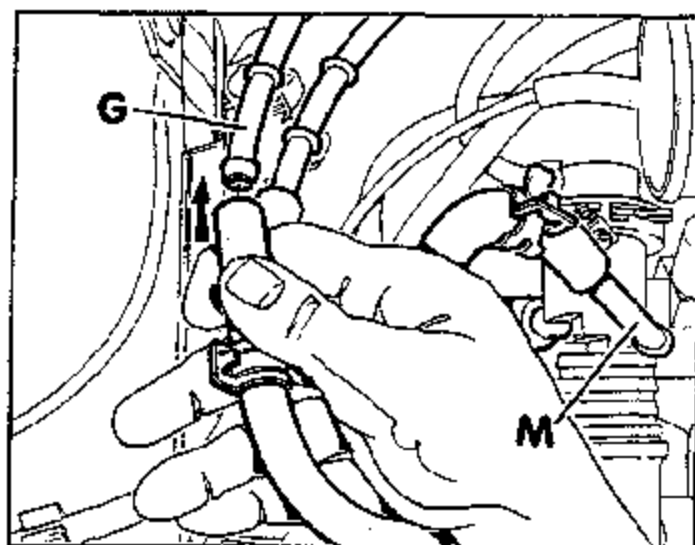


- Use specially designed cutting knife, part number KL 2298, and carefully slice both ends of fuel feed hose open (see arrow) to prepare hose for easy removal.

**CAUTION:** Be certain not to cut into plastic fuel pipe. Use only the supplied cutting knife.



- Use special hose clamp pliers, part number VAG 1819, and push two new hose clamps, part number N 102.922.01, on to new fuel hose, part number 037 133 990E. Push both clamps toward center of hose.



- Install new fuel feed hose; attach hose to fuel line "G" before attaching to fuel rail connection "M".

- Use clamp pliers and move both clamps into position. Clamps must be about 1 mm from end of hose.
- Push hose and fuel line back into respective brackets.
- Reinstall air intake hose.
- Start engine.
- Check for leaks.
- Close hood.

## Campaign Data Entry Procedure

### Reimbursement Codes:

SH 12	Replace fuel feed hose including fuel hose clamps	40 T.U.
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**Note:** The system automatically supplies the part numbers, including prices and labor applicable to the above reimbursement code.

To update a record for a vehicle with no repair performed but relevant information available enter into the system one of the codes indicated below as applicable:

SH	20	Customer Refused Repairs
SH	30	Total Loss
SH	40	Vehicle Stolen
SH	50	Vehicle Left Continental U.S.
SH	60	Customer Moved-No Forwarding Address
SH	70	Vehicle Sold-New Owner Unknown

# Volkswagen United States, Inc.



February 1993

3800 Hamlin Road  
Auburn Hills, MI 48326

Tel. (313) 340-5000

**Subject: Recall Campaign SH  
Replace Fuel Hose and Clamps**

Dear Volkswagen Corrado Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Volkswagen has determined that a defect which relates to motor vehicle safety exists in some 1990 through some early production 1992 model Volkswagen Corrado vehicles. Our records show that your car is one of the vehicles involved in this recall action.

## **Defect Description**

Volkswagen has found that the hose material of a fuel hose attached to the fuel distribution rail located in the engine compartment may settle more than the existing hose clamp can compensate for. This may lead to occasional fuel seepage at the hose connection. Escaping fuel could come in contact with hot engine components and possibly cause an engine compartment fire.

## **Remedy**

Your Volkswagen retailer will install a new fuel hose including new fuel hose clamps.

## **Your Action**

Please contact the service manager of your authorized Volkswagen retail facility for an appointment as soon as possible. The necessary work will take approximately one half hour and will, of course, be free of charge. Necessary instructions and replacement parts have been shipped and are available at Volkswagen retailers.

## **Precaution**

If you smell fuel vapors originating in the vicinity of the engine before your car has been repaired, please contact your retailer immediately.

**Service Problem Help**

If your retailer fails or is unable to remedy the defect free of charge within a reasonable time, please call or write to:

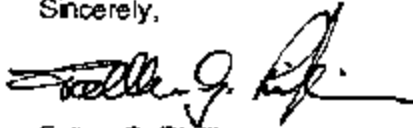
Volkswagen of America, Inc.  
Attn: Customer Relations 2F02  
3800 Hamlin Road  
Auburn Hills, MI 48326  
Toll-free Telephone: 1 800 822-8987

If you still cannot obtain satisfaction, you may file a complaint with: Administrator, National Highway Traffic Safety Administration, U.S. Department of Transportation, 400 Seventh Street SW, Washington, DC 20590. Telephone: 1 (800) 424-9393 (Washington, DC area: (366-0123)).

We regret any inconvenience this matter may cause; however, as part of our commitment to maintain your safety and satisfaction with our product, we want to make sure that your Volkswagen is repaired as soon as possible.

Thank you for driving a Volkswagen.

Sincerely,



Folker G. Riefkin  
Product Compliance Manager